

Form 3400-11
(September 1967)
(formerly 4-683)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number
4735

State
Arizona

Land District
Arizona

Of the Survey of the Mining Claim of *(name and address of Claimant)*

El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas 79999

Known as the *(name of group, if any)*

Emerald Isle

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Emerald Isle Wellsite No. 3	12-18-72	

Mining district Wallapai			County Mohave	
Section 5	Township 22 N.	Range 18 W.	Meridian G.&S.R.	Survey under order dated Jan. 23, 1973
Survey commenced 3/21/73		Survey completed 3/21/73	Name of Mineral Surveyor Robert Lenon	

FEET

This survey was made with a Bausch and Lomb Precise Transit, No. 9259, with horizontal limb 5-1/2 ins. diam., having two single opposite verniers, and full vertical circle 4-1/4 ins. diam., having two double opposite verniers, all verniers reading to one minute of arc; the eye-piece is equipped with a colored glass set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of double horizontal angles referred to the meridian determined by the following observations:

March 18, 1973, at the S'ly cor. common to Secs. 32 and 33, T. 23 N., R. 18 W., in latitude 35°20' N., and longitude 114°13' W., I make a series of four altitude observations upon the sun for azimuth at approximately equal time-intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from the quarter-corner common to said Secs. 32 and 33, SW'ly, to the sun.

	(1)	(2)
Mean time of observation, 105th meridian standard time:	2H43m p.m.	2H46m p.m.
Declination of sun at mean time of observation:	0°44' S.	
Mean observed vertical angles to sun's center:	44°46'45"	44°21'
Mean horizontal angles from reference point to sun's center:	224°36'	225°29'
True bearing to reference point:	N. 1°05' W.	

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the end feet graduated to tenths and hundredths; and a Chicago steel tape, 300 feet in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 14°30' E.

F E E T

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SURVEY NO. 4735

FEET	EMERALD ISLE WELLSITE NO. 3
	At Cor. No. 1 of the Emerald Isle Wellsite No. 3 millsite.
	Set an iron pin, 5/8ths ins. diam., 30 ins. long, 24 ins. in the ground, surrounded by a mound of stone, with aluminum cap mkd. X-EIWMS3-1-4735, from which
	The N'ly cor. of Secs. 4 and 5, T. 22 N., R. 18 W., G. & S.R.M., Arizona, bears N. 30°33' E., 4066.80 ft. dist., a brass-capped iron post, 3 ins. diam., 14 ins. above ground, firmly set and properly mkd.
	Thence S. 0°50' E.
112	High tension line, on wooden poles, bears N. 35° E. and S. 35° W.
134	Water line, steel, 6 ins. in diam., bears N. 35° E. and S. 35° W.
151	Service road, 15 ft. wide, bears N. 35° E. and S. 35° W.
553	Old road, 15 ft. wide, bears N. 35° E. and S. 35° W.
660.00	Cor. No. 2.
	Set an iron pin, 5/8ths ins. diam., 30 ins. long, 24 ins. in the ground, surrounded by a mound of stone, with aluminum cap mkd. X-EIWMS3-2-4735.
	Thence S. 89°10' W.
72	Old road, 15 ft. wide, bears N. 35° E. and S. 35° W.
330.00	Cor. No. 3.
	Set an iron pin, 5/8ths ins. diam., 30 ins. long, 24 ins. in the ground, surrounded by a mound of stone, with aluminum cap mkd. X-EIWMS3-3-4735.
	Thence N. 0°50' W.
571	Wash, 5 ft. wide; course S. 70° W.
660.00	Cor. No. 4.
	Set an iron pin, 5/8ths ins. diam., 30 ins. long, 24 ins. in the ground, surrounded by a mound of stone, with aluminum cap mkd. X-EIWMS3-4-4735.
	Thence N. 89°10' E.
22	Wash, 8 ft. wide; course South.
330.00	Cor. No. 1, and place of beginning.

(This form bound on left side)

FEET

AREAS

Total area, Emerald Isle
Wellsite No. 3 5.000 Acres

LOCATION

This survey is located in the NW¹/₄ SE¹/₄ of
Sec. 5, T. 22 N., R. 18 W., G. & S.R.M.,
Arizona, and is identical with the location as
marked on the ground.

EXPENDITURES

The improvements and the value of the labor
and improvements made upon or for the benefit
of the millsite location by the claimant are
as follows:

No. 1. A drilled well, the center of which bears
S. 25°44' W., 369 ft. from Cor. No. 1, having
a collar diam. of 12 ins., cased to a depth
of 2437 ft., with deep-well pump.

Value: \$50,000.

No. 2. A steel water-line, 6 ins. diam., lies on the
surface of the ground, leading to Wellsite
No. 2, 1/2 mile Northeasterly.

Value: \$15,000.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

The Southerly cor. of Secs. 4 and 5 is a
brass-capped iron post, 2 ins. diam., 12 ins.
above ground, firmly set and properly mkd.

The 1/4 cor. common to Secs. 4 and 5 was not
found, after diligent search.

The line common to Secs. 4 and 5 is N. 0°05' E.
5618.18 ft. instead of N. 0°01' E., 5617.92 ft.
as approved.

FIELD ASSISTANTS

Jack M. Kesler	Instrumentman
Hoyd J. Patty	Chainman
Jim Elkins	Chainman

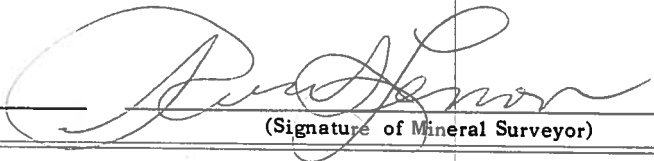
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert Lenon	Date June 25, 1973
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I HEREBY CERTIFY That in pursuance of an order received from the Public Survey Office , at Phoenix, Arizona , dated January 23 , 19 73 , I have carefully executed the survey of the claim of the El Paso Natural Gas Company known as the (lode, placer, or mill site) Emerald Isle Wellsite No. 3 Millsite situated in Wallapai Mining District, Mohave County , Township 22 N. , Range 18 W. , Gila and Salt River Meridian, in the State of Arizona .

This survey, designated as number 4735 , has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode-or-placer) Millsite location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Patagonia, Arizona (Location)	 (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date March 13, 1974

The foregoing field notes of mineral survey number 4735 , in Section 5 , Range 18 W. , Gila and Salt River Meridian, in the State of Arizona , surveyed unsurveyed Township 22 N. , executed by Robert Lenon , Mineral Surveyor, under order dated January 23 , 1973 , having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

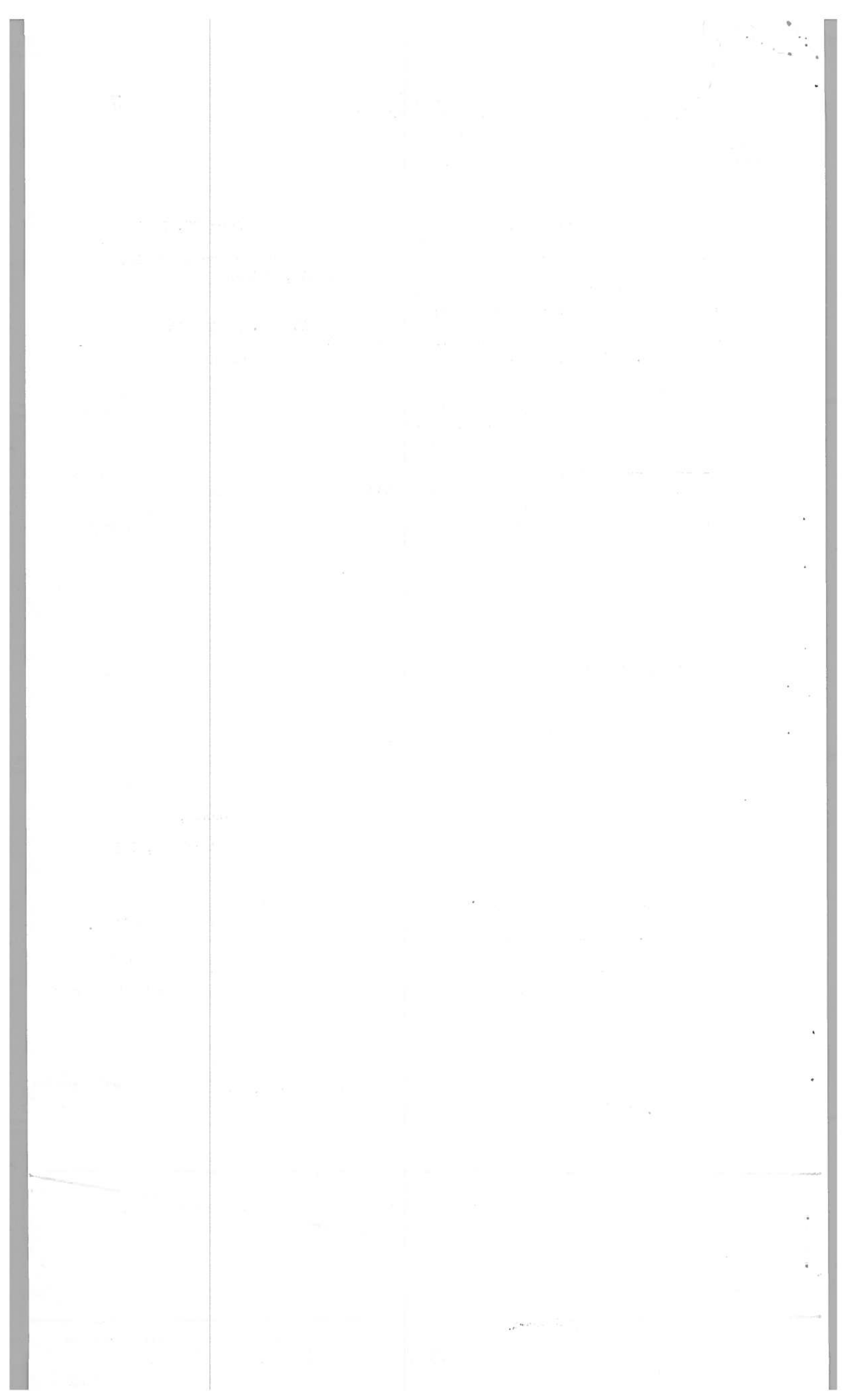
 Joe T. Fallon (Authorized Signature)	State Director (Title)
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CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number is a true copy of the original field notes.

(Authorized Signature)	(Title)
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Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)
BUREAU OF LAND MANAGEMENT M.S. 4735
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Emerald Isle Wellsite No. 3 mill site, Mineral Survey No. 4735, located in section 5, Township 22 North, Range 18 West Gila and Salt River Meridian, Arizona, is hereby canceled.

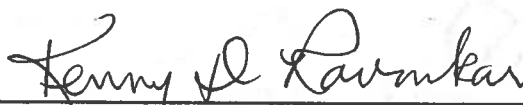
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Emerald Isle Wellsite No. 3 mill site, M.S. 4735 was canceled September 6, 2000, by memo 9605 (952) M.S. 4735, which is now a part of the original field notes."

September 6, 2000
Date



Chief Cadastral Surveyor of Arizona

