

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF SANTA FE EXPLORATION COMPANY
FOR AN UNORTHODOX GAS WELL LOCATION,
DUAL COMPLETION, AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

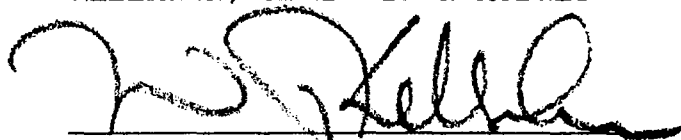
CASE 9619
Order R-8913

RECEIVED
MAY 12 1989
OIL CONSERVATION DIVISION

APPLICATION FOR DE NOVO HEARING

COMES NOW MARATHON OIL COMPANY, by and through its attorneys, Kellahin, Kellahin and Aubrey and states that it is an interested part of record adversely affected by Order R-8913 entered by the Division on April 12, 1989 and pursuant to Section 70-2-13 NMSA, 1978, files this application for a DeNovo hearing before the New Mexico Oil Conservation Commission.

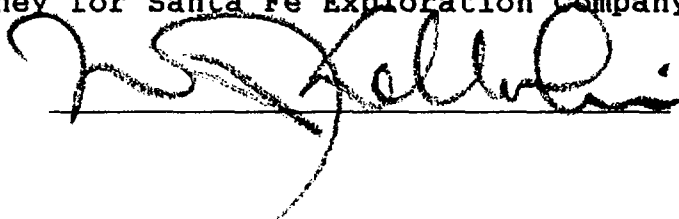
KELLAHIN, KELLAHIN & AUBREY



W. Thomas Kellahin
P.O. Box 2265
Santa Fe, New Mexico 87504
(505) 982-4285

CERTIFICATE OF MAILING

The undersigned hereby certifies that on May 12, 1989, he caused a true and correct copy of this Application to be mailed to Ernest L. Padilla, Attorney for Santa Fe Exploration Company.



COUNTY	EDDY	FIELD	Indian Basin	STATE	NM
OPR	ENFIELD, ROBERT M.	MAP			
	3 Indian Basin				
	Sec. 8, T-21-S, R-13-E	CO-ORD			
	1650' FSL. 1650' FSL of Sec.	MH	10766		
	Spd 1-2-66	CLASS			
	Comp 10-10-66	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
13 3/8"	185'	200			
8 5/8"	1610'	1330			
4 1/2"	7607'	300			
LOGS EL GR RA IND MC A					
		TD 7607'			
FLUGGED & ABANDONED					

Distribution limited and publication prohibited by subscribers' agreement.
Reproduction rights reserved by Williams & Lee Consulting Service, Inc.

CONT.	PROP DEPTH	7700'	TYPE
DATE			

F.R. 12-23-65; Opr's Elev. 4021' GL
PD 7700' - Upper Pennsylvanian

1-3-66 Drlg. 72'.
1-10-66 Drlg. 1610'.
1-17-66 Drlg. 5425'.
1-24-66 TD 7455', on DST.
1-31-66 TD 7607', MI Completion Unit.
DST 7190-7455', pkr failed.
DST 7250-7607', open 2 hrs,
GIS 13 mins @ 27 MCFGPD,
Rec 260' GCM,
1 hr ISIP 1885#, FP 191-239#,
1 hr FSIP 121#.

2-7-66 TD 7607', PBD 7551', testing.
Perf 7478-82' W/5 shots; 7506-10' W/6 shots
Acid (7478-7510') 2000 gals.
Flwd est. 3-4 MCFGPD (7478-7510')

EDDY Indian Basin NM Sec. 8-21S-23E
ENFIELD, ROBERT N., # Indian Basin Page #2

2-7-66 Cont.
Frac (7478-7510') 21,500 gals acid +
75,000# sd.
Set BP @ 7400'
Perf 7260-66' W/11 shots
Frac (7260-66') 38,500 gals acid +
17,500# sd.
Drid out BP @ 7400'
Flwd 120 MCFGPD on 3/4" chk. (7260-7510')
2-14-66 TD 7607', PBD 7551', flwg to clean up.
2-21-66 TD 7607', PBD 7551', flwg to clean up.
20 hr SITP 925#.
2-28-66 TD 7607', PBD 7551', flwg to clean up.
3-7-66 TD 7607', PBD 7551', SI.
3-14-66 TD 7607', PBD 7551', SI.
3-21-66 TD 7607', PBD 7551', tstg.

Flwd 1000 MCFGPD (7260-7510')
3-28-66 TD 7607', PBD 7551', tstg.
4-4-66 TD 7607', PBD 7551', tstg.
Flwd 1250 MCFGPD thru 11/64" chk., TP
225# (7260-7510')
4-11-66 TD 7607', PBD 7551', taking 6-point test.
4-18-66 TD 7607', PBD 7551', WO CACF.

SIX-POINT TEST:

Gas Volume	Choke	Time	TP
216 MCFGPD	10/64"	1 hr	915#
1604.7 MCFGPD	26/64"	1 hr	377#
1366.4 MCFGPD	30/64"	1 hr	318#
1190 MCFGPD	36/64"	1 hr	263#
1056.3 MCFGPD	42/64"	1 hr	201#
816.2 MCFGPD	48/64"	1 hr	153#

5-2-66 TD 7607', PBD 7551', WO CACF.
5-9-66 TD 7607', PBD 7551', WO CACF.

EDDY Indian Basin NM Sec. 8-218-23E
ENFIELD, ROBERT M., #1 Indian Basin Page #3

5-16-66 TD 7607', PBD 7440', tstg.
Set BP @ 7440'
Frac (7260-66') 98,910 gals wtr +
26,000# sd.
Flwd 1000 MCFGPD, w/sli show wtr on 3/4"
chk., TP 60# (7260-66')
5-23-66 TD 7607', PBD 7440', swbg.
Swbd load wtr, w/sli show gas (7260-66')
5-31-66 TD 7607', PBD 7440', swbg.
6-6-66 TD 7607', PBD 7440', tstg to clean up.
6-13-66 TD 7607', PBD 7440', tstg.
Flwd 116 MCFGPD (7260-66')
6-20-66 TD 7607', PBD 7440', SI.
6-27-66 TD 7607', PBD 7440', SI.
7-5-66 TD 7607', PBD 7440', SI.

7-11-66 TD 7607', PBD 7440', SI.
7-18-66 TD 7607', PBD 7440', SI.
7-25-66 TD 7607', PBD 7440', SI.
Final posting until status changes.
10-3-66 TD 7607', PBD 7440', prep to P&A.
10-10-66 TD 7607', PBD 7440', PLUGGED & ABANDONED.
LOG TOPS: San Andres 300', Glorieta
1962', Bone Spring 2948', Wolfcamp Shale
5350', Cisco 7217', Base Cisco 7542'.

ILLEGIBLE

30-015-10209

API No. ~~DA~~STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	☒
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	☐ OIL
	☐ GAS
OPERATOR	
PROMOTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

SANTA FE

Form C-104
Revised 10-01-78
Repealed 06-01-83
Page 1REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASAUG 15 '88
O. C. D.
ARTESIA, OFFICE

I.

Operator Sun Exploration & Production Co. ✓	
Address P. O. Box 1861, Midland, Texas 79702	
Reason(s) for filing (Check proper box)	
☐ New Well	Change in Transporter of:
☐ Recompletion	☐ Oil ☐ Dry Gas
☒ Change in Ownership	☐ Casinghead Gas ☐ Condensate
Other (Please explain)	

If change of ownership give name and address of previous owner Robert N. Enfield, P. O. Box 2431, Santa Fe, New Mexico 87501

II. DESCRIPTION OF WELL AND LEASE

Lease Name West Indian Basin UT.	Well No. 1	Pool Name, including Formation West Indian Basin U/PENN	Kind of Lease State, Federal or Fee Federal	Lease No. NM07106
Location				
Unit Letter N	660	Feet From The South	Line and 1980	Feet From The West
Line of Section 17	Township 21-S	Range 23-E	NMPM, Eddy	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)	
The Permian Corporation	1509 W. Wall, Midland, Texas 79701	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)	
Marathon Oil Company, Operator, Indian Basin Gas Plant & Gathering System, P. O. Box 1324,	Artesia, New Mexico	
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 17
	Twp. 21-S	Rge. 23-E
	Is gas actually connected? Yes	
	When 1-26-66	

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Accounting Associate

8-11-88

(Title)

(Date)

OIL CONSERVATION DIVISION

AUG 23 1988

APPROVED

BY

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau, No. 43-8222.
Approved: dated 12-11-48.

Lead Officer

107

U.S.

RECEIVED
N WELLS 1968
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	XX	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	XX		

RECEIVED

NOV 25 1963

D. C. C.

ARTESIA OFFICE

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 15 19 62

Well No. 1-X is located 624 ft. from ^{RDY}S line and 624 ft. from ^{RDY}W line of sec. 8

SW/4 Sec 8 21-S 23-E NMPN
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Eddy New Mexico
(Fish) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4046 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate reworking jobs, cementing points, and all other important proposed work)

Spudded: 3-29-62

Conductor String: 76'

Surface String: 757'

Intermediate String: 5492'

Liner String: 7529'

Perf: 7102-39', 7209-39', 7454-7475'.

Selectively treated as follows:

7102-39' 5-24-62-10,000 gals acid. Swbd dry.

5-26-62-Squeezed cmtd w/150 sks reg neat, 4500# - WOC 24 hrs.

Press tested w/3000# --held O.K.

7209-39' 5-29-62-5,000 gals acid. Swbd dry.

7454'-7475' 5-28-62- 4,000 gals acid. Swbd dry.

5-31-62: Ran csg cutter. Cut & rec 835' 7" csg. Ran tbq & set cmt plugs as

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

follows: 30 sks @ 7490', 25 sks @ 5450', 30 sks @ 950', 20 sks @ surf. (See be-
Company Odessa Natural Gasoline Co., Agent for Standard Oil Co. of Texas- low)

Address Box 3908

Odessa, Texas

By L. N. Dunnivant

Title Production Superintendent

*Will P & A at 3:00 A.M. on Mar 6-1-62.

CPG 852840

ILLEGIBLE