

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

~~Union Texas Petroleum Corp., Attn: Ken White~~

3. ADDRESS OF OPERATOR

~~P.O. Box 2120 Houston, TX 77252-2120~~

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

815/s 2170' FWL & 1190' FSL

At proposed prod. zone

meridian Oil

P.O. Box 4289

Farmingington, N.M. 87400

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles East Aztec, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1190'

16. NO. OF ACRES IN LEASE

2348.80

17. NO. OF ACRES ASSIGNED
TO THIS WELL

314.69
314.78

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1400'

19. PROPOSED DEPTH

3425' - 3003'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6486 6176

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

5-1-90

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.5
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4	9 5/8	36#	350	210
8 3/4	7	23#	3425 3003	273

We propose to drill to 3425' in the Fruitland Coal Formation
according to 8 pt. drilling plan

RECEIVED
AUG 06 1990
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ken White

TITLE

Regulatory Permit Coord.

DATE

12/15/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AS AMENDED

APPROVED BY

TITLE

JUL 30 1990

CONDITIONS OF APPROVAL, IF ANY:

Ken Townsend

FOR AREA MANAGER

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Seymour (SF-078505)		Well No. 719
Unit Letter M	Section 14	Township 31 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 815 feet from the South line and 1165 feet from the West line					
Ground level Elev. 6176'		Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 314.78 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
7-10-90

Date

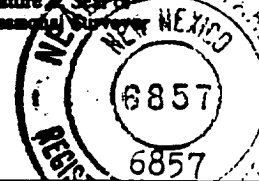
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under supervision, and that the same is true and correct to the best of my knowledge and belief.

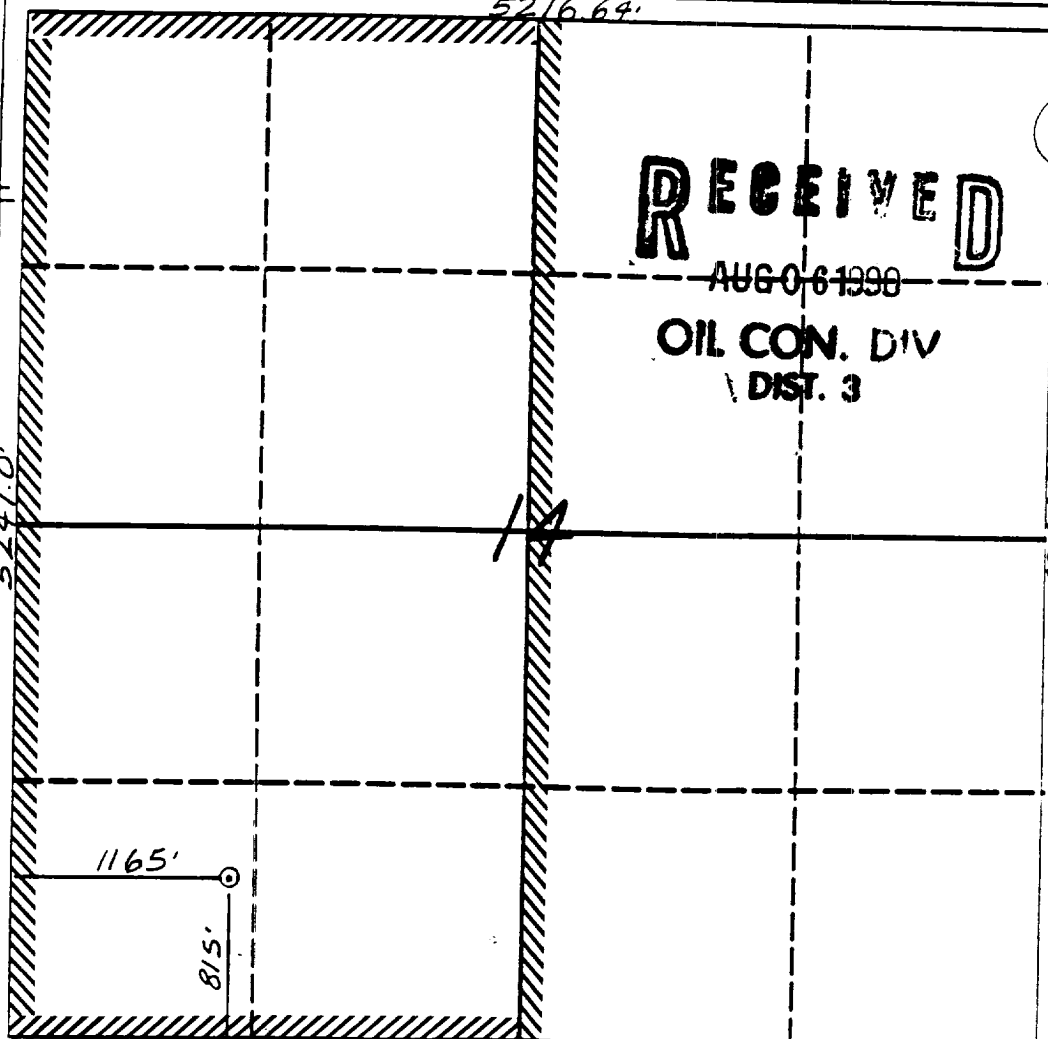
7-2-90

Date Surveyed

Signature of State Professional Surveyor



Certificate No. 6857
Neale G. Edwards



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Well Name: 719 SEYMOUR
 Sec. 14 T31N R09W
 BASIN FRUITLAND COAL

815'FSL 1165'FWL
 SAN JUAN NEW MEXICO
 Elevation 6176'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 1581

Kirtland- 1753

Fruitland- 2637

Fruitland Coal Top- 2657

Fruitland Coal Base- 2999

Pictured Cliffs- 3018

Intermediate TD- 2637

Total Depth- 3003

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 350	Spud	8.4 - 8.9	40-50	no control
	350 - 2637	Non-dispersed	8.4 - 9.1	30-60	no control
	2637 - 3003	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 350	9 5/8"	32.3#	H-40
	8 3/4"	0 - 2637	7"	20.0#	K-55
	6 1/4"	2587 - 3003	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3003	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1753'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

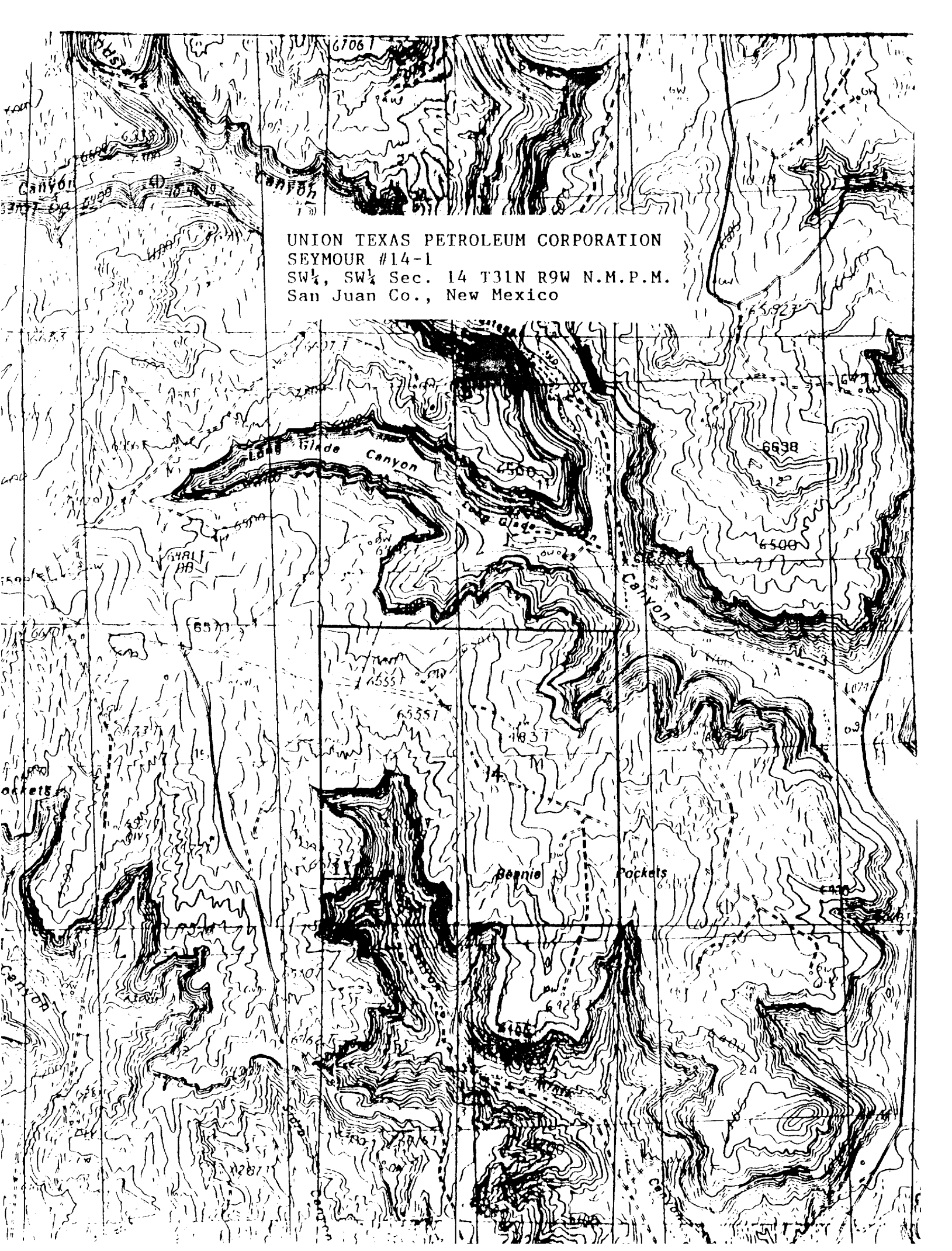
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 279 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (329 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 379 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 850 cu ft. of slurry, 110% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

5 1/2" liner - do not cement.



UNION TEXAS PETROLEUM CORPORATION
SEYMOUR #14-1
SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 14 T31N R9W N.M.P.M.
San Juan Co., New Mexico