

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL Bfm		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED BY FEB 18 1987 O. C. D.		7. Well Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>						8. Farm or Lease Name State "24"	
2. Name of Operator Spectrum 7 Exploration Company ✓						9. Well No. 1	
3. Address of Operator P. O. Box 10626, Midland, Texas 79702						10. Field and Pool, or Wildcat Undesignated East Red Lake Queen/GB	
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>24</u> TWP. <u>16-S</u> RGE. <u>28-E</u> NMPM						11. County Eddy	
15. Date Spudded 12/02/86	16. Date T.D. Reached 12/06/86	17. Date Compl. (Ready to Prod.) 1/10/87	18. Elevations (D.F., RKB, RT, GR, etc.) 3571.0 GR	19. Elev. Casinghead 3569.0			
20. Total Depth 2250'	21. Plug Back T.D. 1682'	22. If Multiple Compl., How Many None	23. Intervals Drilled By Rotary Tools 2250'	Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name 1537'-1599' Penrose						25. Was Directional Survey Made Yes	
26. Type Electric and Other Logs Run Dual Laterolog, Compensated Density-Neutron						27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	20#/ft	327'	12 1/4"	250 sx Class C			
5-1/2"	10.5#/ft	1740'	7-7/8"	196 sx 50/50 Poz			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1604'	
31. Perforation Record (Interval, size and number) 1537', 39', 53', 54', 55', 56', 62', 63', 74', 75', 97', & 99', 12 holes, 1 jsp				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				1537'-1599'		Acidize w/1000 gals 15% acid	
						Frac w/25,000 gals gel	
						water & 38,000# sand	
33. PRODUCTION							
Date First Production 1/22/87		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" X 1 1/2" X 10' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/15/87	Hours Tested 24	Choke Size	Prod'n. Per Test Period	Oil - Bbl. 10	Gas - MCF 65	Water - Bbl. 2	Gas - Oil Ratio 6500/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By	
35. List of Attachments 2 Logs, Certified Deviations, Form C-104 & Form C-102							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED <u>Jim McConch</u>				TITLE <u>Engineer</u>		DATE <u>2/16/87</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	307'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	1340'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	2090'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinberry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T. Penrose SD	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____

No. 2, from _____ to _____ feet _____

No. 3, from _____ to _____ feet _____

No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	307'	307'	Redbeds				
307'	1378'	1071'	Salt & Anhydrite				
1378'	1652'	274'	Red Sand & Anhydrite				
1652'	2250'	598'	Anhydrite & Salt				

NE MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

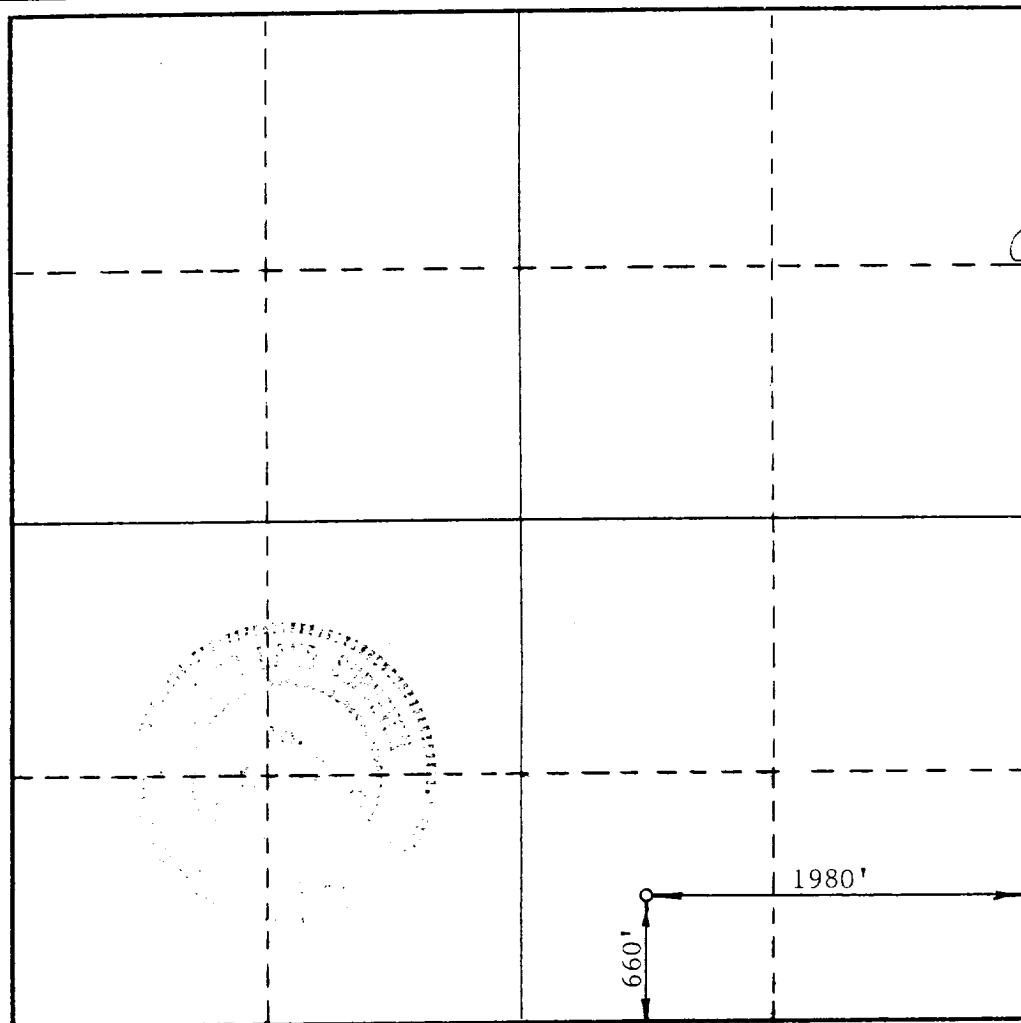
Operator Spectrum 7 Exploration Co. ✓		Lease State 24		Well No. 1
Unit Letter 0	Section 24	Township 16 South	Range 28 East	County Eddy
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line				
Ground Level Elev. 3571.0	Producing Formation Penrose	Pool Undesignated Red Lake Queen/GB	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or by hand 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

Name

Jim McAninch

Position

Engineer

Company

Spectrum 7 Exploration Company

Date

2/16/87

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

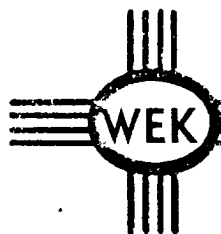
Date Surveyed

November 19, 1968

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST, 676

RONALD J. EIDSON, 3239



LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

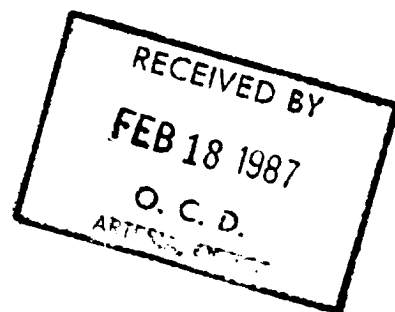
DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

December 10, 1986

Spectrum Seven *Reporting Co.*
P. O. Box 10626
Midland, Texas 79702

RE: State 24 #1
24-163-24E
Gentlemen:



The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

327' - $1\frac{1}{2}^{\circ}$
805' - $1\frac{1}{2}^{\circ}$
1275' - $3\frac{3}{4}^{\circ}$

1760' - $3\frac{3}{4}^{\circ}$
2113' - $1\frac{1}{2}^{\circ}$
2250' - 1° T.D.

Sincerely,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 10th day of December, 1986 by Arnold Newkirk.

My Commission Expires:

Glenda Bea Newton
Notary Public

4-10-88