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Form O-105
Revised 10-76

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6a. Indicate Type of Lease
 Base Fee
 6. State Oil & Gas Lease No.
 OG-2001

1b. TYPE OF WELL
 OIL WELL GAS WELL DRY OTHER
 1c. TYPE OF COMPLETION
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RECVR. OTHER

7. Unit Agreement Name
 --
 8. Name of Lease Name
 Quail State
 9. Well No.
 6
 10. Well in P.D. or Without
 Quail Queen

2. Name of Operator
 Read & Stevens, Inc.
 3. Address of Operator
 P. O. Box 1518, Roswell, New Mexico 88201

4. Location of Well
 UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM
 THE West LINE OF SEC. 11 TWP. 19-S RGE. 34-E

11. County
 Lea

15. Date Spudded 6-17-80 16. Date P.D. Reached 7-3-80 17. Date Compl. (Ready to Prod.) 9-22-80 18. Elevations (D.F. RKB, RT, GR, etc.) 3975.3' GR - 3987.8' RKB 19. Elev. Casinghead --

20. Total Depth 6200' 21. Plug Back T.D. 5545' 22. If Multiple Complet., How Many -- 23. Intervals Cased by Rotary Tools 0' - 6200' Cable Tools --

24. Producing Interval(s), of this completion -- Top, Bottom, Name
5056'-65', 5118'-24' and 5150'-58' Quail Queen 25. Was Directional Survey Made No

16. Type Electric and Other Logs Run
CNL & FDC, DLL & MLL 27. Was Well Cased Yes

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"	23#	1904'	11"	800 sx. Class "C" Circ.	None
4 1/2"	10.5#	6200'	7 7/8"	850 sx. Class "C" Pozmix	None

29. LINER RECORD

SIZE	TOP	BOTTOM	JACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	5149'	5118' seat. nipple

31. Perforation Record (Interval, size and number)

5638' - 5650'	24 holes	(.33)
5056' - 5063'	18 holes	(.33)
5118' - 5124'	12 holes	(.33)
5150' - 5158'	16 holes	(.33)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
See attached list

33. PRODUCTION
 Date First Production 8-30-80 Production Method (Flowing, gas lift, pumping -- Size and type pump) Pumping 2" x 1 1/2" x 16' RWBC pump Well Status (Prod. or Shut-in) Producing
 Date of Test 9-22-80 Hours Tested 24 Choke Size -- Prod'n. Per Test Period 10 Oil - BBL. 10 Gas - MCF TSTM Water - BBL. 35 Gas - Oil Ratio
 Flow - Bld Press. -- Casing Pressure -- Calculated 24-Hour Rate 10 Oil - BBL. 10 Gas - MCF TSTM Water - BBL. 35 Oil Gravity - API (Corr.) 34°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented Test Witnessed By Joe Handley

35. List of Attachments
Two copies of logs, deviation survey & core analysis and description

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 Shari Hamilton TITLE Authorized Agent DATE 9-24-80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 _____	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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Dlinebry _____	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. _____	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 5056' to 5065'	No. 4, from _____ to _____
No. 2, from 5118' to 5124'	No. 5, from _____ to _____
No. 3, from 5150' to 5158'	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	1838'	1838'	Red beds				
1838'	1963'	125'	Anhydrite				
1963'	3300'	1337'	Salt & Anhy.				
3300'	4000'	700'	Anhy. & Dolo.				
4000'	4140'	140'	Dolo.				
4140'	4300'	160'	Dolo., Shale, Anhy.				
4300'	4900'	600'	Dolo., Anhy., SS, Sh.				
4900'	5920'	1020'	Dolo., SS, Sd.				
5920'	6200'	280'	Dolo., Chert, Sh., SS				

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SEP 26 1980

OIL CONSERVATION DIV.

READ & STEVENS, INC. #6 QUAIL STATE

32. Acid, Shot, Fracture, Cement Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount and Kind Material Used</u>
5638' - 5650'	500 gals. 15% NE acid
5638' - 5650'	1500 gals. 15% NE acid
5638' - 5650'	12,000 gals. gelled water & 15,000# 20/40 sand
5056' - 5065',	1000 gals. 15% NE acid
5118' - 5124'	
and 5150' - 5158'	
5056' - 5065',	20,000 gals. gelled water & 25,000# 20/40 sand
5118' - 5124'	
and 5150' - 5158'	

WELL NAME & NUMBER Quail State 5

LOCATION Sec. 11, T-19-S, R-34-E, Lea County, New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Read & Stevens, Inc., P. O. Box 1518, Roswell, New Mexico 88201

DRILLING CONTRACTOR Kenai Drilling of Texas, Inc., P. O. Box 7625, Odessa, Texas 79762

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1 353</u>	<u>1-3/4 4,012</u>	_____	_____
<u>3/4 653</u>	<u>1 4,137</u>	_____	_____
<u>1/2 1,029</u>	<u>1-1/4 4,476</u>	_____	_____
<u>1/4 1,547</u>	<u>3/4 4,944</u>	_____	_____
<u>3/4 1,897</u>	<u>1 5,200</u>	_____	_____
<u>3/4 2,270</u>	<u>3/4 6,170</u>	_____	_____
<u>1/2 2,613</u>	<u>3/4 6,200</u>	_____	_____
<u>2 3,100</u>	_____	_____	_____
<u>2-1/2 3,285</u>	_____	_____	_____
<u>2-1/4 3,448</u>	_____	_____	_____
<u>2 3,500</u>	_____	_____	_____
<u>2-1/4 3,689</u>	_____	_____	_____
<u>1-3/4 3,782</u>	_____	_____	_____

Drilling Contractor Kenai Drilling of Texas, Inc.
By R.A. Smith
R. A. Smith, Drilling Engineer

Subscribed and sworn to before me this 22nd day of July, 19 80

Barbara J. LaGrone
Notary Public Barbara J. LaGrone

My Commission Expires 8-22-81 Ector County Texas



All Points, Inc.

Approved Third Party

SPECIALIZING IN CORE ANALYSIS - ON OFF LOCATION - OFFSHORE

997 LITTLEWOOD DRIVE
HOUSTON, TEXAS 77066
724 DREXEL AREA CODE 713

WELL No. 6 Quail State COUNTY Lee STATE New Mexico
 COMPANY Head & Stevens, Inc. DATE July 4, 1980
 FIELD Quail Queen TYPE CORES Sidewalls ANALYST J.L. Thorp

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS		COMB GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROP PROC	CORE DESCRIPTION
	VERT	HORIZ								
3,618		9.9	0	8.0	0.0	19.4	58.5	0.0	poss gas	Dolo hd shly red w/small anhydrite incls white no odor no fluor
3,549		11.4	0	5.2	trace	18.1	71.3	trace	water	Sd firm vfg silty very shly gray no odor very faint fluor
3,782		no test	0	4.9	0.0	19.3	74.6	0.0	water	Wallcake and crushed sand as above calc no odor no fluor
3,812		21.6	0	2.8	trace	21.7	87.0	trace	water	Sd firm vfg silty shly gray calc no odor very faint fluor
4,813		11.2	0	2.3	trace	18.9	87.8	trace	water	Silt soft-firm calc gray no odor questionable very faint fluor
4,830		11.1	0	9.6	1.9	21.1	50.2	9.0	oil	50% sd firm vfg silty calc oil odor solid yell flur 50% shale hd gry no fluor
4,840		-	0	-	-	-	-	-	-	2 small shale frags very calc no odor no fluor
4,841		3.9	0	4.9	trace	17.9	72.6	trace	low perm	Shale hd sdy dk gray anhydritic calc no odor no fluor
4,930		0.91	0	4.5	0.0	16.8	73.2	0.0	low perm	Shale hd sdy gray calc no odor no fluor
4,957		2.1	10	7.0	trace	18.1	61.3	trace	low perm	As above
4,063		14.1	0	8.0	1.9	20.9	52.6	9.1	oil	Sd firm vfg silty very shly very calc oil odor solid yell flur in s
4,064		8.9	0	8.0	1.6	19.0	54.7	8.4	oil	Sd as above strks yell fluor
4,065		21.6	0	5.9	2.3	21.4	61.7	10.7	oil	Sd firm vfg silty shly gray oil odor solid yell fluor
4,067		-	0	-	-	-	-	-	-	2 shale frags reddish brown no odor no fluor
4,084		no test	0	3.9	trace	19.8	80.3	trace	water	Shale firm sdy gry no odor no fluor
4,087		-	0	-	-	-	-	-	-	Shale and oil frags red-brown no odor no fluor
4,119		24.8	0	8.1	2.6	24.8	56.9	10.5	oil	Sd firm vfg silty shly gray oil odor solid yellow fluor
4,120		59.1	0	5.8	2.8	24.5	64.9	11.4	oil	As above
4,152		31.7	0	4.7	2.3	22.7	69.2	10.1	oil	50% sd firm vfg silty gray oil odor solid yell flur 50% shale sdy
4,153		10.2	0	0.7	trace	21.9	96.8	trace	water	Sd firm vfg silty very shly very calc gray no odor no fluor
4,154		9.2	0	3.5	trace	19.9	82.4	trace	water	As above
4,201		21.4	0	2.3	trace	21.3	89.2	trace	water	Sd firm vfg silty very shly very calc gray no odor quest very ft fl
4,253		16.4	0	2.3	trace	20.9	89.0	trace	water	As above
4,254		19.6	0	2.0	trace	21.4	90.8	trace	water	Sd as above no odor no fluor



All Points, Inc.

9902 LEEWOOD DRIVE
HOUSTON, TEXAS 77054
729 0600 • AREA CODE 713

Johnnie L. Thorp, President

SPECIALIZING IN CORE ANALYSIS - ON-OFF LOCATION - OFFSHORE

WELL No. 6 Quail State COUNTY Lee STATE New Mexico
 COMPANY Read & Stevens, Inc. DATE July 4, 1980
 FIELD Quail Queen TYPE CORES Sidewalls ANALYST J.L. Thorp

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCY		CORE GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROP. FLUID	CORE DESCRIPTION
	VERT	HORIZ								
5,349		26.4	0	4.1	trace	23.8	82.8	trace	water	Sd firm vfg silty shly calc gray no odor no fluor
5,350		16.1	0	5.9	0.0	21.9	73.1	0.0	water	Sd firm vfg silty shly very calc gray no odor no fluor
5,351		12.4	0	3.3	trace	21.6	84.7	trace	water	As above
5,405		14.1	0	9.2	trace	22.1	58.4	trace	poss gas	Sd firm vfg silty shly gray no odor no fluor
5,406		20.9	0	4.5	trace	23.0	80.4	trace	water	As above
5,407		18.0	0	5.8	trace	21.7	73.3	trace	water	Sand as above questionable very faint fluor
5,641		no test	0	10.8	0.4	22.6	50.4	1.8	poss oil	Sd firm vfg silty shly gray gas odor streak very faint fluor
5,643		29.8	0	7.8	2.4	23.4	56.4	10.3	poss oil	Sd soft-firm vfg gray-brown oil odor solid dull yellow fluor
5,645		31.8	0	6.3	1.8	24.3	66.7	7.4	poss oil	Sand as above w/solid weak fluor
5,647		no test	0	7.0	0.8	22.3	65.0	3.6	poss oil	As above
5,863		-	0	-	-	-	-	-	-	Wallcake and 3 shale frags sandy gray no odor no fluor
5,974		-	0	-	-	-	-	-	-	2 very small lime frags white very faint fluor
5,976		-	0	-	-	-	-	-	-	Wallcake and dolo anhydrite frags red-brown clear no fluor