STEVENS OPERATING CORPORATION
118 WEST FIRST STREET
P. O. BOX 2203
ROSWELL, NEW MEXICO 88201
505 /622-7273

February 29, 1984

RECEIVED
MAR 05 1984
OIL CONSERVATION DIVISION
SANTA FE

Mr. Joe D. Ramey
Director,
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

NSL- 1797
Rule 104 F I

Re: Stevens Operating Corporation
Hanagan Federal "A" #2
330' FSL 990' FWL, Section 11
Township 7 South, Range 26 East
Chaves County, New Mexico

Dear Mr. Ramey:

Application is hereby made for administrative approval for an unorthodox location due to the presence of unacceptable topography.

An orthodox location was surveyed 660' FSL 660' FWL in Section 11. This point fell in the bottom of the Sand Creek arroyo. (See the enclosed photographs.) The depth of this arroyo and the surrounding severely disected terrain make it impossible to find an acceptable location in the 330' square allowed for a standard location in the commission regulation. The closest alternate site to a standard location is one located at 330' FSL 990' FWL of Section 11. At this location it will be possible to build a level drilling pad without damage to the Salt Creek drainage.

Offset operators have been notified of this application.

Please grant administrative approval for this unorthodox location at your earliest convenience.

Yours very truly,

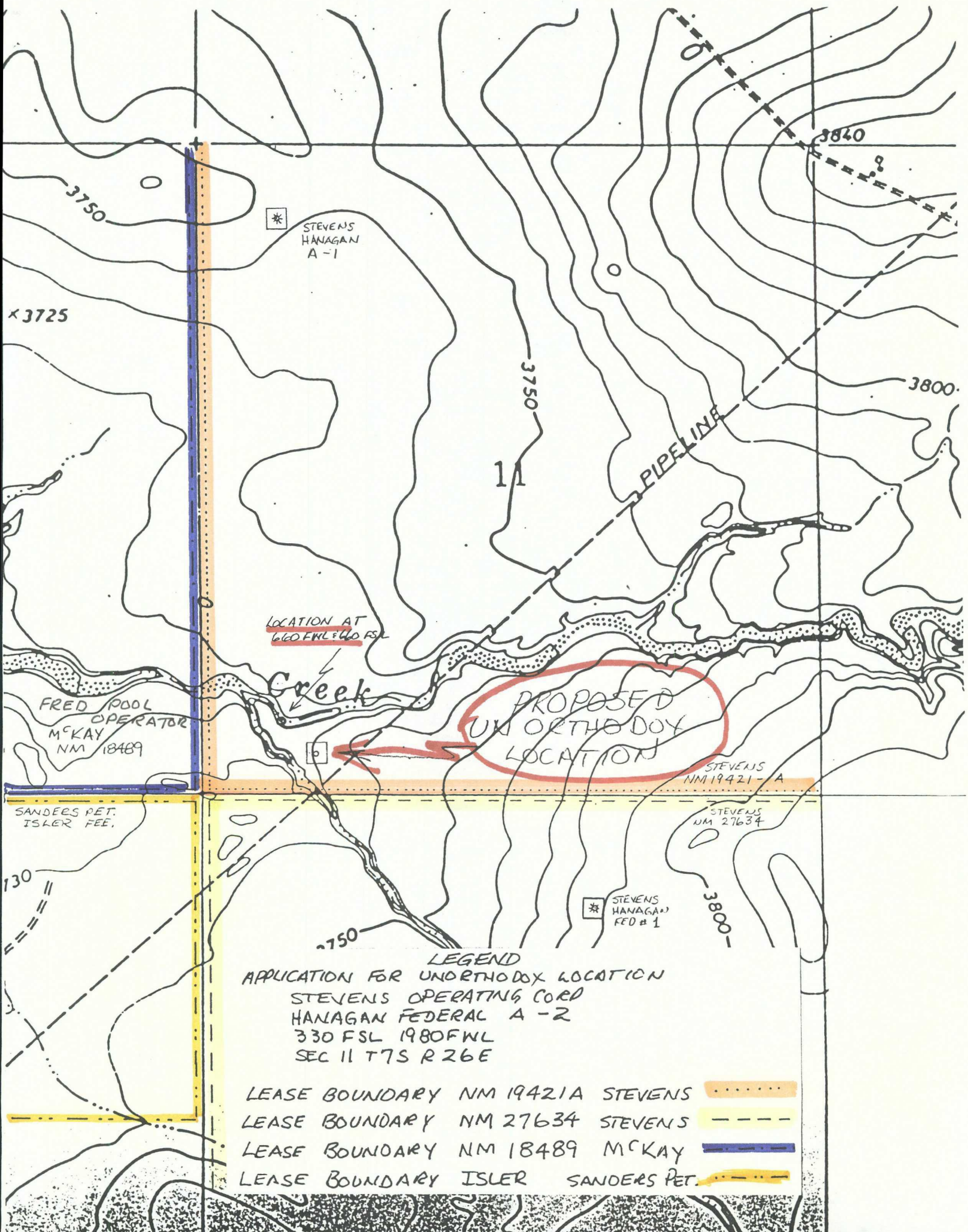
STEVENS OPERATING CORPORATION

John V. Walker

John V. Walker

JVW/clw

Enclosures


3840
3750
STEVENS HANAGAN A-1
×3725
3750
3800
PIPELINE
11
LOCATION AT 660 FWL & 660 FSL
Creek
FRED POOL OPERATOR McKAY NM 18489
PROPOSED UNORTHODOX LOCATION
STEVENS NM 19421-A
STEVENS NM 27634
SANDERS PET. ISLER FEE.
130
STEVENS HANAGAN FED # 1
3800
750
LEGEND
APPLICATION FOR UNORTHODOX LOCATION
STEVENS OPERATING CORP
HANAGAN FEDERAL A-2
330 FSL 1980 FWL
SEC 11 T7S R26E
LEASE BOUNDARY NM 19421A STEVENS
LEASE BOUNDARY NM 27634 STEVENS
LEASE BOUNDARY NM 18489 McKAY
LEASE BOUNDARY ISLER SANDERS PET.

Form C-105
Revised 1-1-65

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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

RECEIVED
MAR 01 1984
OIL CON. DIV.
DIST. 3

5a. Indicate Type of Lease: State [XX] Fee [ ]

5. State Oil & Gas Lease No.: E 3148 & LG 3734

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [XX] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: Bisti State Com

2. Name of Operator: Hicks Oil & Gas, Inc.

9. Well No.: #1

3. Address of Operator: P.O. Drawer 3307, Farmington, New Mexico 87499

10. Field and Pool, or Wildcat: Bisti Gallup Ext.

4. Location of Well: UNIT LETTER M LOCATED 330 FEET FROM THE South LINE AND 330 FEET FROM THE West LINE OF SEC. 2 TWP. 25N RGE. NMPM

12. County: San Juan

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
1/30/84	2/4/84	2/25/84	6294' KB	6283'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
5050'	5006'	NA	→	None	All

24. Producing Interval(s), of this completion — Top, Bottom, Name: 4911 - 4942' Gallup

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: Dual Induction Laterolog, CDL, CNL, Bond Log

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	24	225'	12¼	160 sx (189 cf)	None
4 ½	10.5	5039'	7 7/8	1st Stage -125 sx (199 cf)	None
				2nd State-525 sx (964 cf)	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	4833'	NA

31. Perforation Record (Interval, size and number)

4911-17 - 12 Holes - .35" Dia.
4932-40 - 16 Holes - .36" Dia.
4952-4958
4962-4972 CIBP @ 4950

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4911-40	12,000# 100 Mesh Sand
	40,000# 20/40 Sand

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
2/25/84	Pumping - 1½" Insert Pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
2/27/84	24	NA		47	41	4	872

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
NA	25		47	41	4	40.6

33. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented

Test Witnessed By: Mike Hicks

34. List of Attachments: Electric Logs and Deviation Survey Certification

35. 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 Mike Hicks TITLE President DATE 2/29/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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	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 1288'	T. Penn. "D"	
T. Yates	T. Miss		T. Cliff House 1968'	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 3862'	T. McCracken	
T. San Andres	T. Simpson		T. Gallup 4714'	T. Ignacio Qtzte	
T. Glorieta	T. McKee		Base Greenhorn	T. Granite	
T. Paddock	T. Ellenburger		T. Dakota	T.	
T. Blinebry	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 4911 to 4917 No. 4, from ..... to .....

No. 2, from 4932 to 4940 No. 5, from ..... to .....

No. 3, 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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED		
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LAND OFFICE		
OPERATOR		

RECEIVED
FEB 29 1984
OIL CON. DIV.
DIST. 3

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.: LG 6557

TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER
TYPE OF COMPLETION: NEW WELL [XX] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Libra
9. Well No.: #1
10. Field and Pool, or Wildcat: Basin Dakota

Name of Operator: Lobo production
Address of Operator: PO Box 2364 Farmington, NM 87499
Location of Well: Unit Letter C Located 810 Feet From The North Line And 1800 Feet From The West Line of Sec. 16 Twp. 32N Rge. 13W NMPM
12. County: San Juan

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
12-21-83	1-19-84	1-27-84	6131 Gr.	6134' K

Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3585'	3550'		→	0-TD	

Producing Interval(s), of this completion — Top, Bottom, Name: 3444' to 3546' Dakota
25. Was Directional Survey Made: yes

Type Electric and Other Logs Run: Induction Electric/Gamma Ray/ Spontaneous Potential/ Neutron and Density
27. Was Well Cored:

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	120'	12 ¼	90 sks(106.20 cuft) MV	
	17#	1666'	6 3/4	180 ske(212.0 cuft.) Cl B Neat	
3½	9.2#	3568'	4 3/4	80 sks(94.4 cuft.) Cls B	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
1¼"	3420'	

Perforation Record (Interval, size and number)

3444/3546, 0.38" 13 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3444 to 3546	250 gal. 15% HCL
	41,6000# 10/20 sand in 70 q.
	foam (15,509 gal H_2O and
	630,000 Cuft. Nitrogen

PRODUCTION

First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1-30-84	Flowing	Shut in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
1-21-84	3	3/4"		0	211 MCF	1	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
3.5#	100#		0	211 MCF	1	

Disposition of Gas (Sold, used for fuel, vented, etc.): Vented during test now shut in
Test Witnessed By: N, Tefteller

List of Attachments: Directional survey

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 [signature] TITLE Operator DATE 2-29-84

INSTRUCTIONS

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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	1090	T. Elbert	
T. Grayburg		T. Montoya		T. Mancos	1430	T. McCracken	
T. San Andres		T. Simpson		T. Gallup	2520	T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn	3237	T. Granite	
T. Paddock		T. Ellenburger		T. Dakota	3364	T.	
T. Blinebry		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 2520 to 2924 No. 4, from ..... to .....

No. 2, from 3364 to 3565 No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

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

No. 1, from 3364 to 3565 feet. Graneros Dakota

No. 2, from 2520 to 2924 feet. Gallup

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

LOOK WEST. SURVEYOR'S LATH IS AT 660 FWL 660 FSL IN SOUTH EDGE OF SAND CREEK.

LOOK EAST UP SAND CREEK. NOTE: VERTICAL BANKS & DISECTED LAND FORMS.

LOOK SOUTHEAST. SURVEYOR'S LATH IS AT 660 FSL 660 FWL IN SOUTH EDGE OF SAND CREEK. VERTICAL BANK IS 12 to 15' HIGH.

LOOK NORTH FROM SOUTH FORK OF SAND CREEK AT ABOUT 660 FWL. NOTE: BROKEN & DISECTED TOPOGRAPHY.