1165504422 SWD 6/28/01

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892 • Fax (505) 327-9834

June 8, 2001

Ms Lori Wrotenbery
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

JUN 13 2001

$100

Dear Ms. Wrotenbery,

(30-045-29732)

Enclosed is the application for authorization to inject into the Juniper SWD #1 (Sec 16/T24N/10W) which is operated by Coleman Oil and Gas. The following application and information is arranged in the order specified by form C-108.

If you have any questions or concerns, regarding the following information please feel free to contact me anytime.

Sincerely,

Paul C. Thompson

Paul C. Thompson
Agent for
Coleman Oil and Gas

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance ___X__Disposal _____Storage
Application qualifies for administrative approval? ____X___Yes _____No

II. OPERATOR: ____**Coleman Oil and Gas**_____

ADDRESS: ___c/o Walsh Engineering and Production, 7415 E. Main St., Farmington, NM 87402_____

CONTACT PARTY: ____Paul Thompson_____PHONE: _505-327-4892_ _

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes ___X____No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

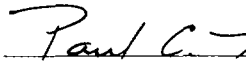
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: ____Paul C. Thompson, P.E._____TITLE: ____Agent_____

SIGNATURE:  DATE: ____June 7, 2001_____

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

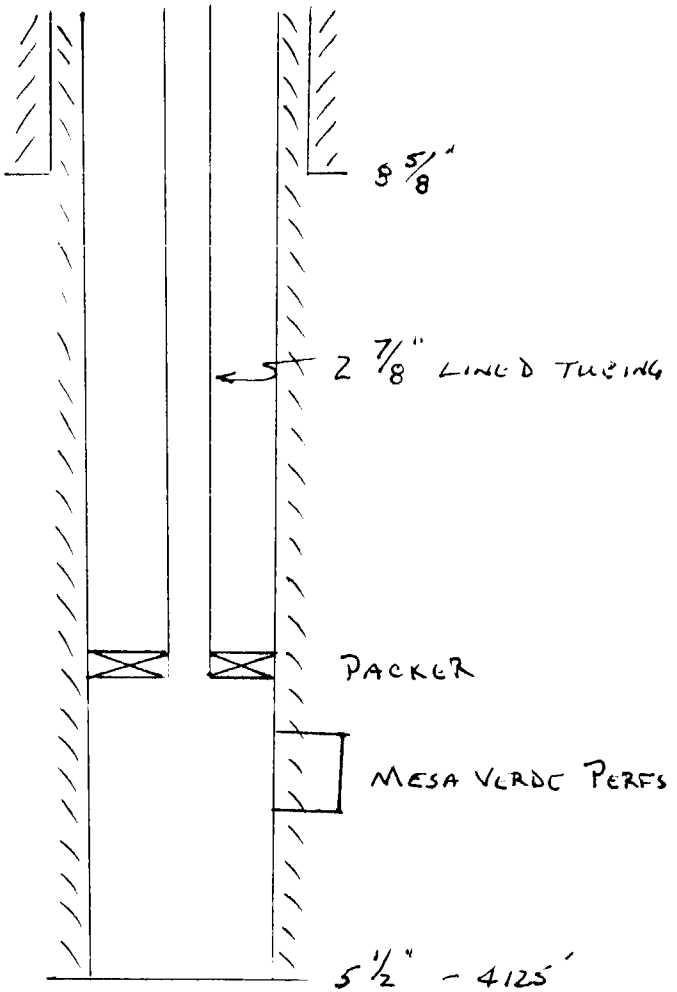
OPERATOR: Coleman Oil and Gas

WELL NAME & NUMBER: Juniper SWD #1

WELL LOCATION: 880 FNL and 730 FWL | D | 16 | 24N | 10W

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12-1/4" Casing Size: 8-5/8"

Cemented with: 165 sx. ***or*** 195 ft^3

Top of Cement: Surface Method Determined: Observed

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. ***or*** ft^3

Top of Cement: Method Determined:

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"

Cemented with: 345, 100, 295 sx. ***or*** 711, 118, 608 ft^3

Top of Cement: Surface Method Determined: Observed

Total Depth: 4125'

Injection Interval

Perf Approx 3820' feet to 3980'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: ____2-7/8"_____Lining Material: ___Coated_____

Type of Packer: ____ Mt. States (Weatherford) Arrowset 1 with "T-2" on/off tool and "F" profile

Packer Setting Depth: ____Approx 3790'_____

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? ____X__Yes _____No

   If no, for what purpose was the well originally drilled? _____

   _____

2. Name of the Injection Formation: ___ Mesa Verde_____

3. Name of Field or Pool (if applicable): _____Blanco_____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____No_____

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: ____Fruitland Coal - 1420', Pictured Cliffs 1450'_____

   _____ Dakota - _5964_____

   _____

   _____

APPLICATION FOR AUTHORIZATION TO INJECT
FORM C-108 SUPPLEMENTAL DATA

Juniper SWD #1
16D-24N-10W
880' FNL & 730' FWL

V. See attached map showing area of review and attached list of wells.

VI. There are two wells within the area of review that have penetrated the proposed Mesa Verde Injection Zone. Both of these wells are plugged and abandoned. Wellbore diagrams are attached.

VII. Data on proposed injection operations are as follows:

1. Average Injection Rate - 1000 bwpd (0.69 bbl/min)
   Maximum Injection Rate - 2000 bwpd (1.39 bbl/min)

2. Closed system. Water will be piped from the producing wells into tanks on location.

3. Average injection pressure - 764 psi
   Maximum injection pressure - 1528 psi
   The pressures listed above are estimated. The maximum injection pressure will be determined by a step-rate test after the well is completed.

4. Produced Fruitland Coal water with TDS of approximately 11,000 to 20,000 ppm will be injected into the Mesa Verde in the Juniper SWD #1 well. A representative analysis of the Fruitland Coal water that is to be injected is attached.

5. Chemical analysis of the water in the Mesa Verde zone will be submitted after the well has been completed.

VIII. Geologic & Lithologic data on injection zone.

1. The proposed zone of injection is in the Mesa Verde Formation. The Mesa Verde Formation is from 2175' to 4050' (based on the nearest offset – Monument #2). The primary target is the Point Lookout Member from 3820' to 3980', and a secondary target is the Cliff House Member from 2175' to

2675'. See attached copy of open hole logs showing the Mesa Verde Formation in the Monument #2 (Sec 16, T24N, R10W).

2. Lithology – Mesa Verde Formation which contains the Point Lookout, Menefee & Cliff House formations are primarily a sandstone/shale sequence w/ porosity's ranging from 6% - 20%. The permeability values range from 0.5 to 2.0 millidarcy.

3. Other than the aquifers that are contained in the surface alluvium there are no known drinking water aquifers in the area of review. There are no known water wells within the area of review.

IX. It is planned to perforate the Point Lookout and possibly the Cliff House formation, and slick water frac this zone with approximately 100,000 pounds of 20/40 sand. After the completion, a step rate test will be performed to determine the maximum allowable surface injection pressure.

X. Open hole resistivity and porosity logs will be run on the Juniper SWD #1 when it is drilled.

XI. According to the *Hydrologic Report #6* published by the New Mexico Bureau of Mines & Mineral Resources, there are no known sources of potable water in the immediate area of the well.

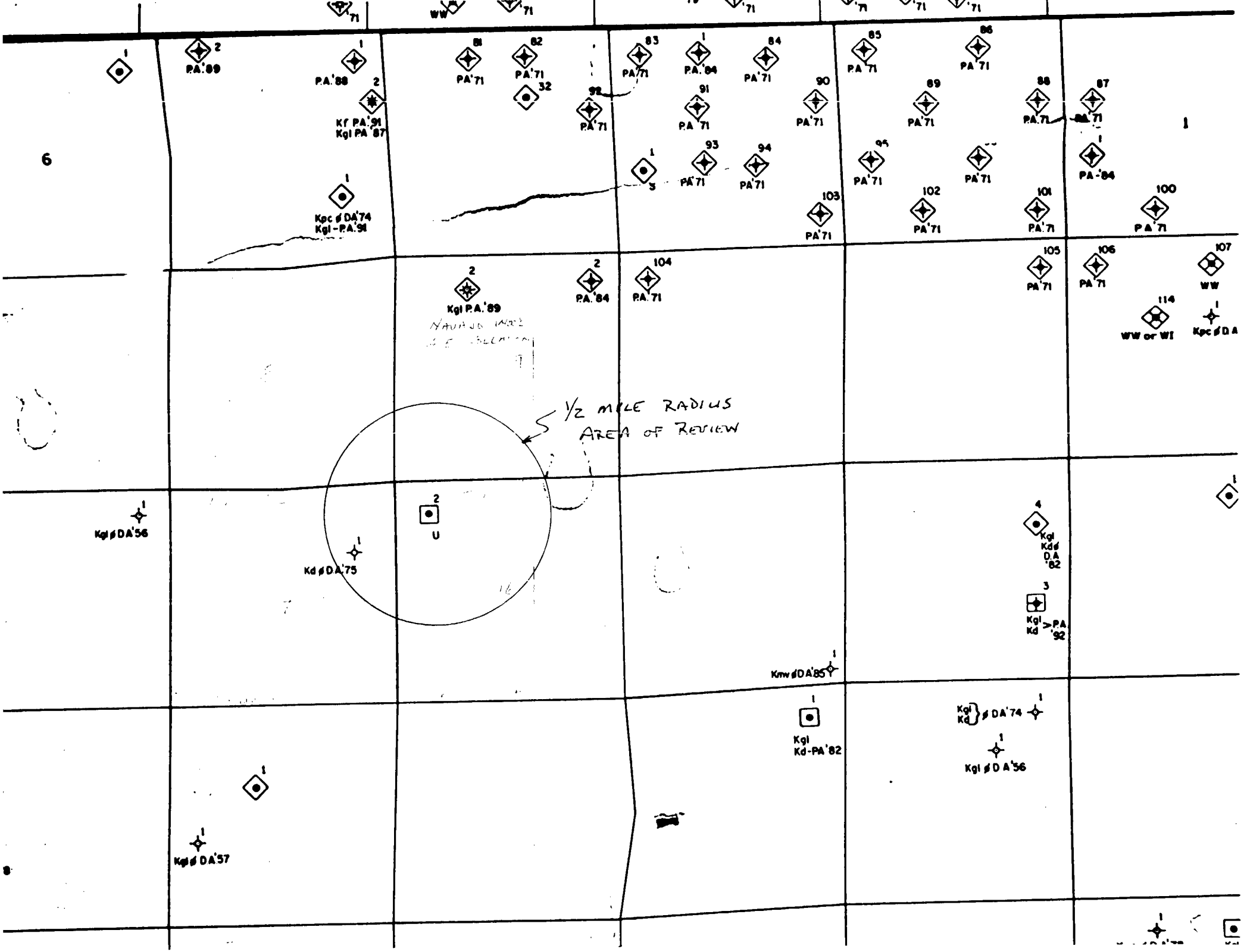
XII. At the present time, geologic studies of the area do not indicate fault communication between the proposed injection zone and any underground potential sources of drinking water.

XIII. Proof of publication is attached. The Bureau of Land Management owns the surface land where the Juniper SWD #1 will be drilled. Coleman Oil and Gas owns all of the leasehold interests within one-half mile of the well.

XIV. Certification is signed.

Coleman Oil and Gas
Juniper SWD #1

List of Attachments


1/2 MILE RADIUS
AREA OF REVIEW
6
PA'89
PA'88
Kf PA'91
Kgl PA'87
Kpc ø DA'74
Kgl-PA'91
PA'71
PA'84
Kgl P.A.'89
Kgl ø DA'56
Kd ø DA'75
U
Kgl
Kdø
DA
'82
Kgl
Kd
PA
'92
Kmw ø DA'85
Kgl
Kd-PA'82
Kgl
Kd
ø DA'74
Kgl ø DA'56
Kgl ø DA'57
WW
WW or WI
Kpc ø DA

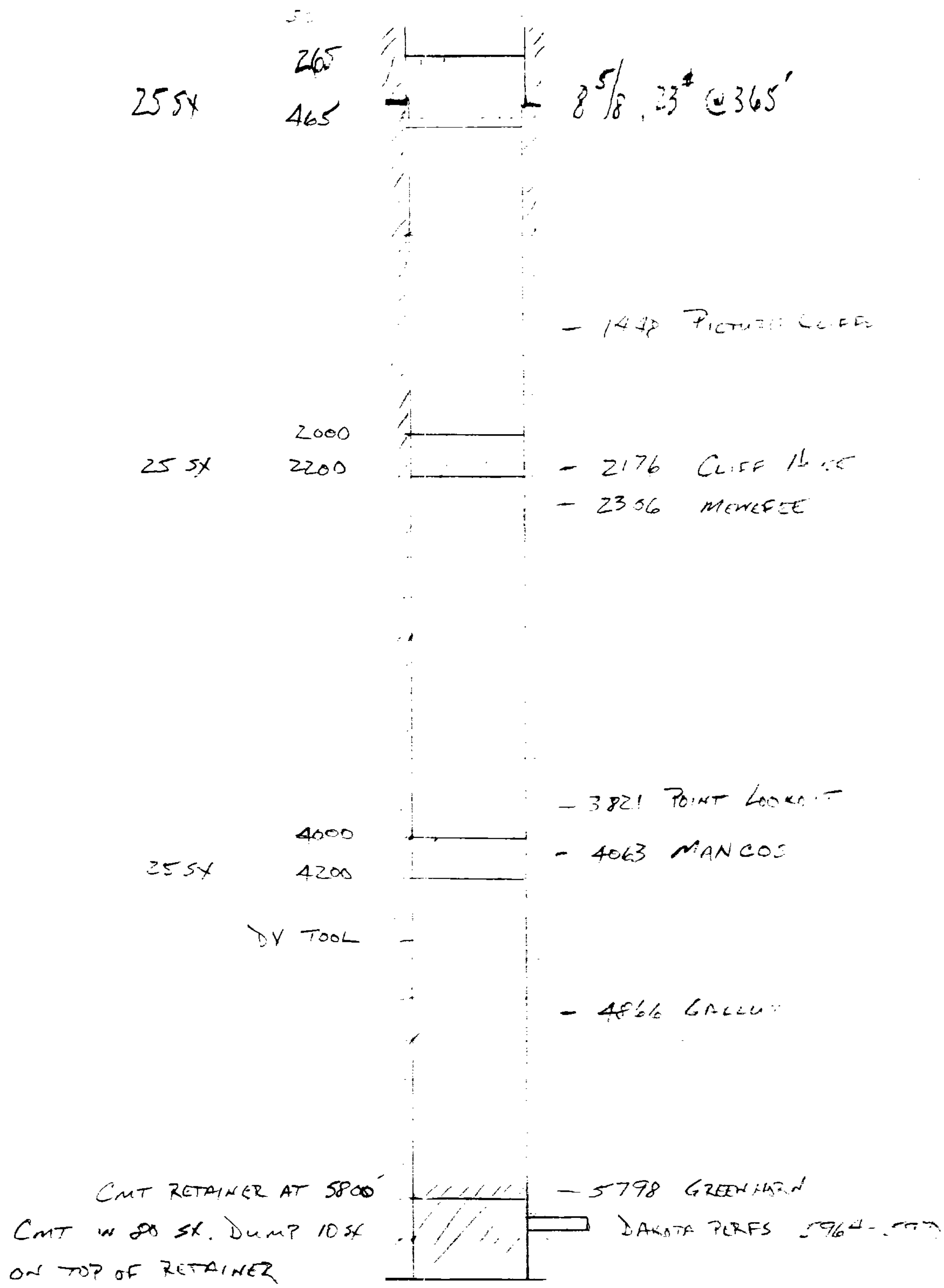
Coleman Oil and Gas

Juniper SWD

Wells that have penetrated the Mesa Verde in the area of review

Well Name	Location	Formation	Surface Size & Depth	Surface Cement Top	Production Size & Depth	Production Cement top	Perfs	Date Drilled	Date Plugged
Monument #1	1650' FNL & 990' FEL Sec. 17, T24N, R10W	Dakota	8-5/8" - 227'	Surface	None	None	None	Nov-75	Nov-75
Monument #2	800' FNL & 800' FWL Sec. 16, T24N, R10W	Dakota	8-5/8" - 365'	Surface	5-1/2" - 6190'	Surface	5964' - 5970'	Mar-74	Sep-76

MONUMENT #2
TENNECO [illegible]
800 FNL & 800 F[illegible]L
[illegible] 6797' GR



5 1/2, 15.5# @ [illegible]
[illegible] w/ 175 SX [illegible] & 100 SX NEAT
[illegible] 60 [illegible] & 50 SX NEAT

NO. OF COPIES RECEIVED	4	
DISTRIBUTION		
SANTA FE	/	
FILE	/	✓
U.S.G.S.		
LAND OFFICE	/	
OPERATOR	/	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old C-102 and C-103
Effective 1-1-65

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

5. State Oil & Gas Lease No.
LG-0492, L-6545

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL [XX] GAS WELL [ ] OTHER-

7. Unit Agreement Name

2. Name of Operator
Tenneco Oil Company

8. Farm or Lease Name
Monument

3. Address of Operator
1860 Lincoln St., Suite 1200, Denver, Colorado 80203

9. Well No.
#2

4. Location of Well
UNIT LETTER D, 800 FEET FROM THE North LINE AND 800 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 24N RANGE 10W NMPM.

10. Field and Pool, or Wildcat
Undesignated Dakota

15. Elevation (*Show whether DF, RT, GR, etc.*)
6797' GR

12. County
San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [X]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER [ ]		OTHER [ ]	

17. Describe Proposed or Completed Operations (*Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work*) SEE RULE 1103.

We have plugged and abandoned this well as follows:

1. MIRUPU.
2. WIH w/cement retainer and set @ 5800'.
3. Squeezed below retainer into perfs with 80 sacks of cement. Dumped 10 sacks of cement on top of retainer.
4. Spotted 25 sack plugs @ 4200' - 4000', 2200'- 2000', 465'-265', and spotted a 0 - 30' surface plug.
5. Installed dry hole marker, filled and leveled all pits, cleaned area of all debris and re-seeded.

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

SIGNED A. D. Myers TITLE Div. Production Manager DATE 9-30 76

APPROVED BY A R Kendrick TITLE Supv. Dist. No. 3 DATE

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	4	
DISTRIBUTION		
SANTA FE	1	
-E	1	✓
U.S.G.S.	1	
LAND OFFICE		
OPERATOR	1	

Form C-105
Revised 1-1-65

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

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

5. State Oil & Gas Lease No.: LG-0492, L-6545

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

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

7. Unit Agreement Name:

8. Farm or Lease Name: Monument

2. Name of Operator: Tenneco Oil Company

9. Well No.: 2

3. Address of Operator: Suite 1200, Lincoln Tower Bldg., Denver, Colorado 80203

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well: UNIT LETTER D LOCATED 800 FEET FROM THE North LINE AND 800 FEET FROM THE West LINE OF SEC. 16 TWP. 24N RGE. 10W 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
3/28/74	4/8/74	6/10/74	6797' GR	6797'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6190'	6142'		→	All	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 5964' - 5970' Dakota "B"

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: IES, FDC/CNL, BHC/SONIC GR

27. Was Well Cored: 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#	365' KDB	12-1/4"	175 sx Class A w/2% CaCl	
5-1/2"	15.5#	6190'	7-7/8"	Stage 1: 175 sx Lowdense followed by 100 sx Class "A" Latex.	
				Stage 2: 600 sx Lowdense & 50 sx Class "A" Neat	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8" OD	5394'	5394'

31. Perforation Record (Interval, size and number): 5964' - 5970' w/2 shots per ft.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5964' - 5970'	500 gal. 7½% BDA
5964' - 5970'	1500 gal. Emulsion Breaker

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
6/10/74	Pumping 2½ x 1½ x 16 Subsurface Rod Pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
6/10/74	24			10	TSTM	60	TSTM

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
			10	TSTM	60	28.1

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Used for fuel

Test Witnessed By: Max Webb

35. List of Attachments: Logs: IES, FDC, BHC/SONIC GR

OIL CON. COM. DIST. 3

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 Paul L. Rogers TITLE Sr. Production Clerk DATE 6/13/74

INSTRUCTIONS

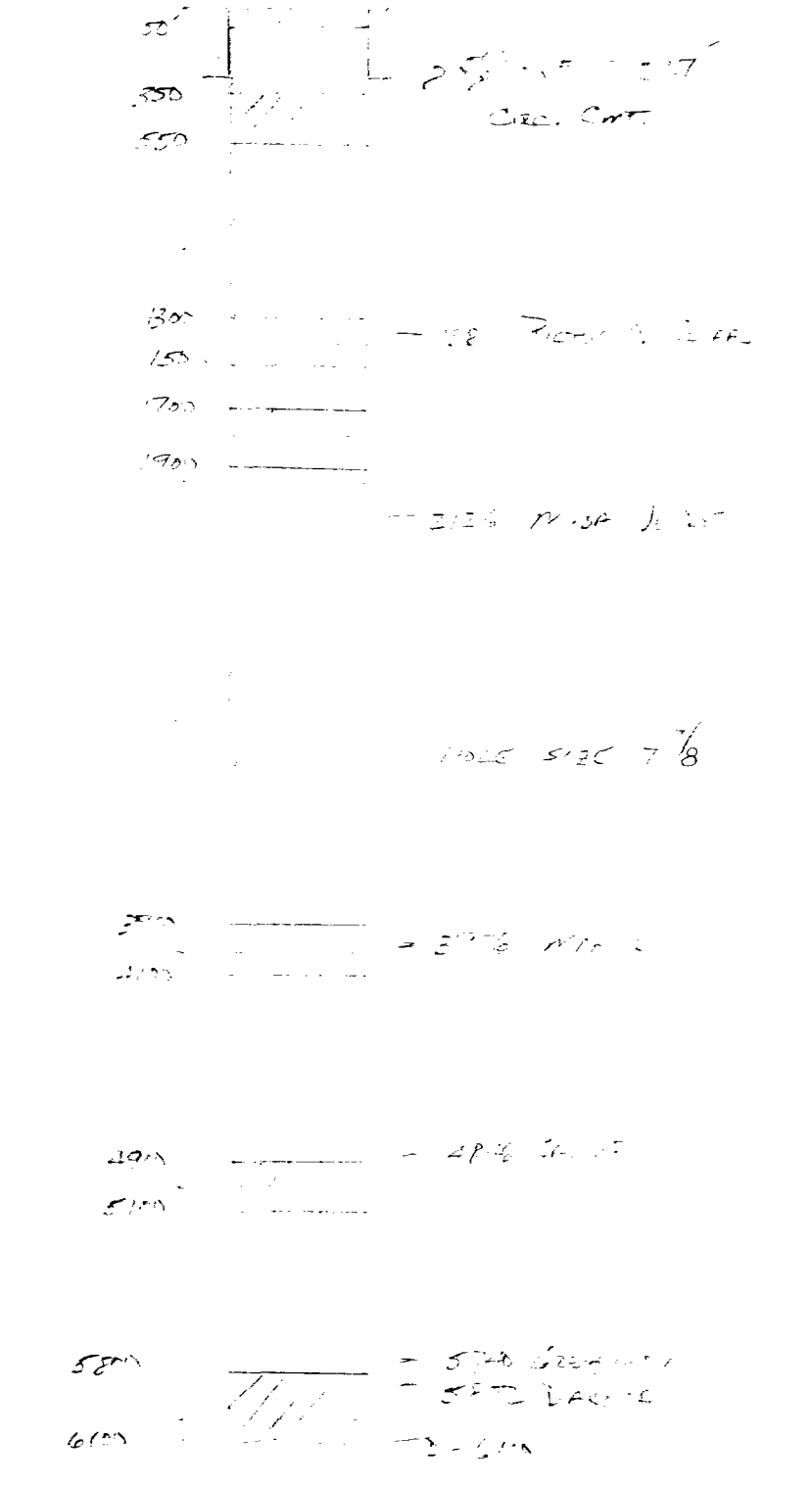
This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, 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

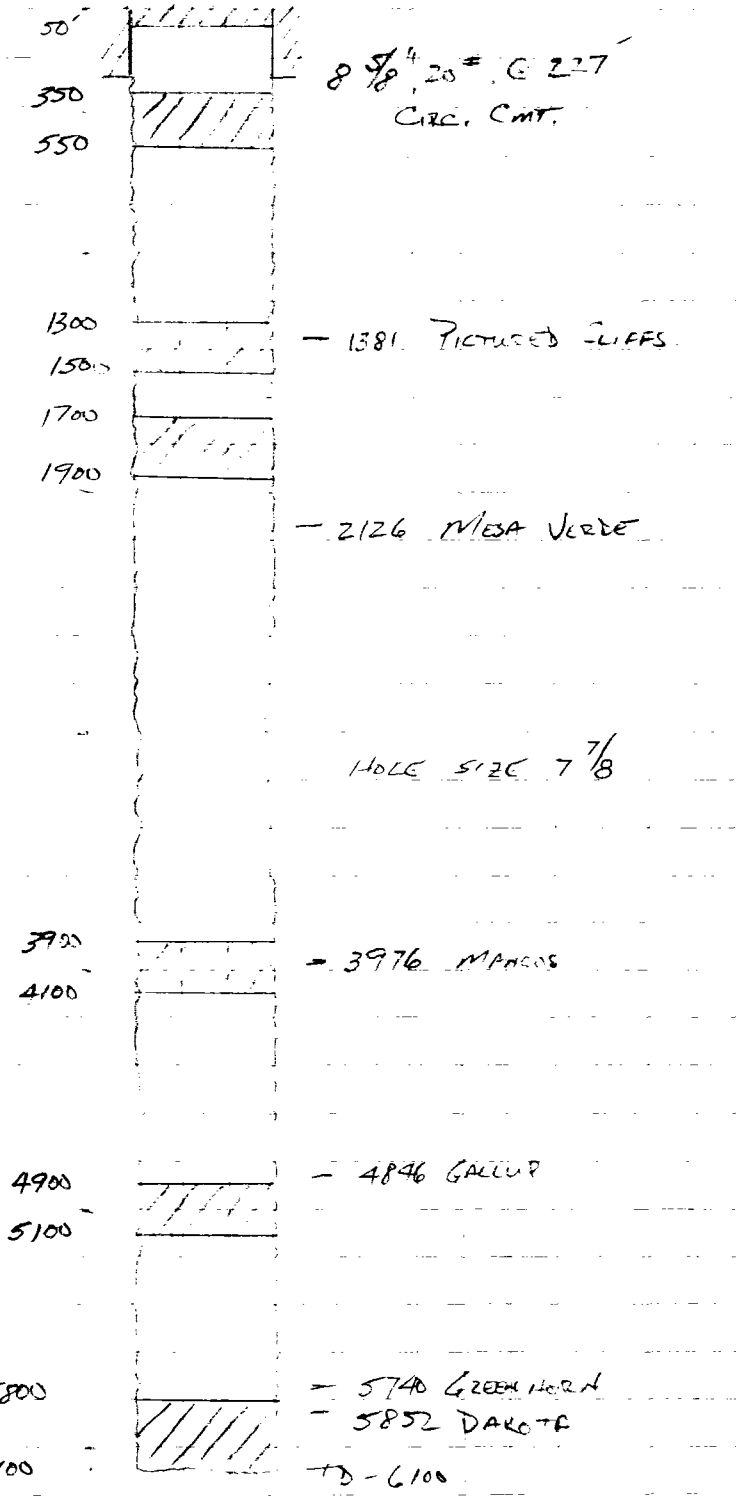
Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	T. Canyon	T. Ojo Alamo		T. Penn. "B"			
T. Salt	T. Strawn	T. Kirtland-Fruitland		T. Penn. "C"			
B. Salt	T. Atoka	T. Pictured Cliffs	1448	T. Penn. "D"			
T. Yates	T. Miss	T. Cliff House	2176	T. Leadville			
T. 7 Rivers	T. Devonian	T. Menefee	2306	T. Madison			
T. Queen	T. Silurian	T. Point Lookout	3821	T. Elbert			
T. Grayburg	T. Montoya	T. Mancos	4063	T. McCracken			
T. San Andres	T. Simpson	T. Gallup	4866	T. Ignacio Qtzte			
T. Glorieta	T. McKee	Base Greenhorn	5798	T. Granite			
T. Paddock	T. Ellenburger	T. Dakota	5851	T.			
T. Blinebry	T. Gr. Wash	T. Morrison	6150	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.			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1448	1540	92	Pictured Cliffs				
2176	2276	100	Cliff House				
2306	3821	1515	Menefee				
3821	4063	242	Point Lookout				
4063	4866	803	Mancos				
4866	5264	398	Gallup				
5798	5851	53	Greenhorn				
5851	6150	299	Dakota				



MONUMENT #1
LYNCO OIL CORPORATION
1650 FNL & 990 FEL
SECTION 17, T24N, R10W 6764' GR



Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: **Lynco Oil Corporation**

3. ADDRESS OF OPERATOR: **7890 E. Prentice Ave. Englewood, Colorado 80110**

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface **1650' FNL and 990' FEL**
At top prod. interval reported below
At total depth **SAME**

5. LEASE DESIGNATION AND SERIAL NO.: **SF 079046**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: **Monument**

9. WELL NO.: **#1**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **Sec. 17 T24N R10W**

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	11-2-1975	San Juan	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-1-75	11-15-75	11-16-75	6764 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6100 MD			→	0-6100	NONE

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: **NONE**

25. WAS DIRECTIONAL SURVEY MADE: **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN: **Induction - Density Logs**

27. WAS WELL CORED: **No**

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20.00	227'	12 1/4	Circulated	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

RECEIVED
DEC 2 1975
OIL CON. COM.
DIST. 3

RECEIVED
DEC 1 1975
U.S. GEOLOGICAL SURVEY

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED E L FUNDINGSLAND, JR. TITLE **Vice President** DATE 12-1-75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

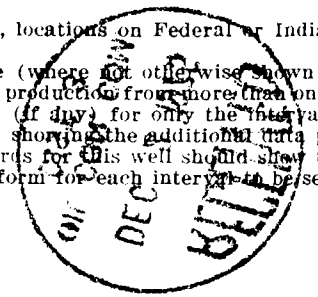
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	1381	1480	Sand & Shale - Water
Mesaverde	2126	3976	Sand & Shale - Water
Dakota	5852	6100	Sand & Shale - Tite Water DST 5936-5965 IFP 15"/40 weak blow ISI 30"/2380 FFP 30"/79 No blow FSI 30"/2169 REC 80' Mud
Plugged and abandoned with plugs set at:			5800-6100 62 sxs 1700-1900 62 sxs 4900-5100 62 sxs 1300-1500 62 sxs 3900-4100 62 sxs 350-550 62 sxs Surface Plugs 10 sxs 5-50' 18 sxs

38. GEOLOGIC MARKERS

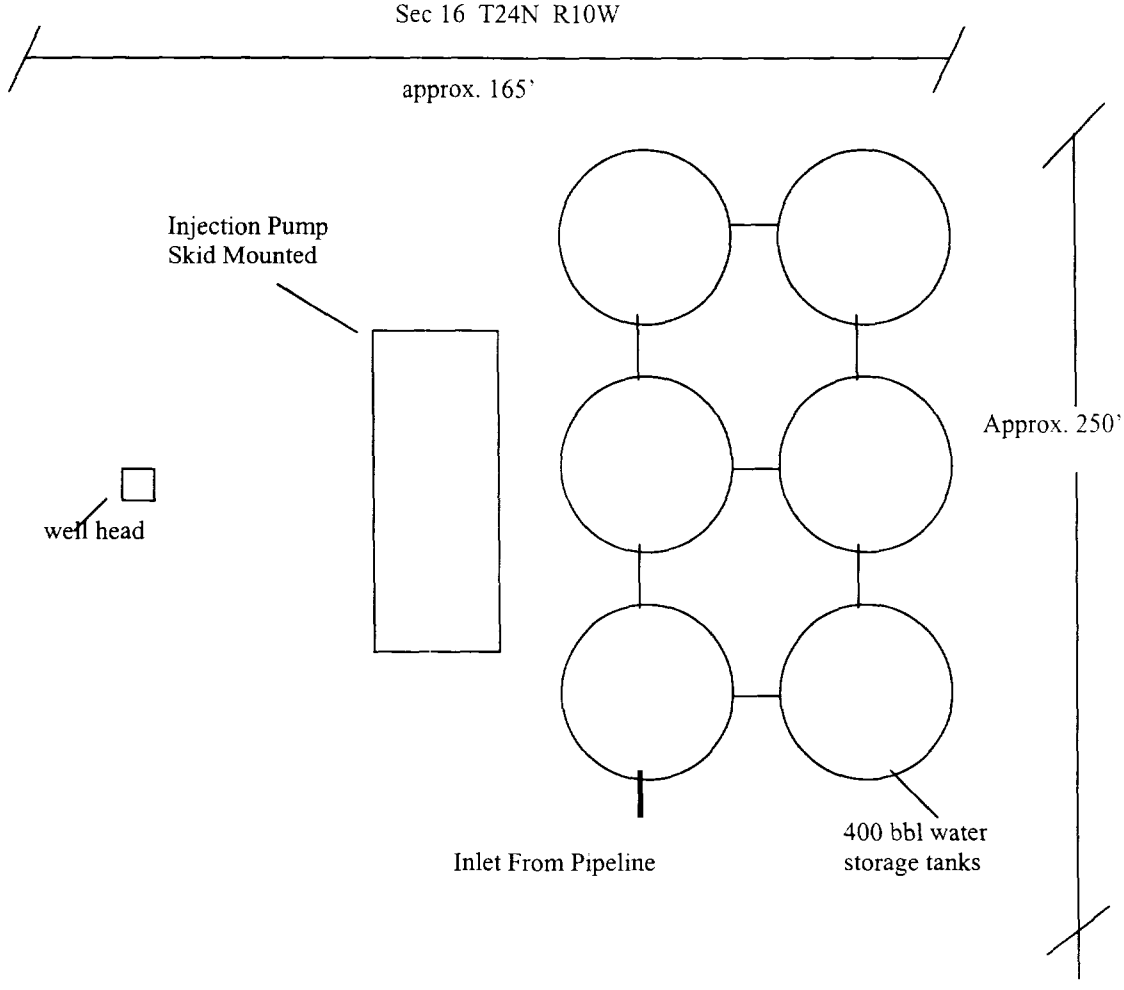
NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliff	1381	
Mesaverde	2126	
Mancos	3976	
Gallup	4846	
Greenhorn	5740	
Dakota	5852	
TD	6100	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

WALSH ENGINEERING & PRODUCTION CORP.

Juniper SWD #1

880' FNL & 730' FWL
Sec 16 T24N R10W



OFF: (505) 325-5667
FAX: (505) 327-1496

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556
FAX: (505) 327-1496

ANALYTICAL REPORT

Date: *14-Jul-00*

Client:	Coleman Oil and Gas Company	**Client Sample Info:**	Coleman Oil & Gas
Work Order:	0006052	**Client Sample ID:**	Juniper #1
Lab ID:	0006052-01A **Matrix:** AQUEOUS	**Collection Date:**	6/21/2000 5:00:00 PM
Project:	Juniper #1 FRUITLAND GAS	**COC Record:**	10748

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
CALCIUM, DISSOLVED		**E215.1**				Analyst: **HR**
Calcium	120	25		mg/L	100	7/10/2000
IRON, DISSOLVED		**E236.1**				Analyst: **HR**
Iron	0.17	0.1		mg/L	1	7/11/2000
POTASSIUM, DISSOLVED		**E258.1**				Analyst: **HR**
Potassium	43	5		mg/L	20	6/30/2000
MAGNESIUM, DISSOLVED		**E242.1**				Analyst: **HR**
Magnesium	30	2.5		mg/L	10	7/10/2000
SODIUM, DISSOLVED		**E273.1**				Analyst: **HR**
Sodium	4880	1000		mg/L	4000	6/30/2000
ALKALINITY, TOTAL		**M2320 B**				Analyst: **HR**
Alkalinity, Bicarbonate (As CaCO3)	500	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Carbonate (As CaCO3)	ND	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Hydroxide	ND	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Total (As CaCO3)	500	5		mg/L CaCO3	1	6/29/2000
CHLORIDE		**E325.3**				Analyst: **HR**
Chloride	7550	1		mg/L	1	6/29/2000
HARDNESS, TOTAL		**M2340 B**				Analyst: **HR**
Hardness (As CaCO3)	430	1		mg/L	1	6/27/2000
PH		**E150.1**				Analyst: **HR**
pH	7.44	2		pH units	1	6/22/2000
RESISTIVITY (@ 25 DEG. C)		**M2510 C**				Analyst: **HR**
Resistivity	0.427	0.001		ohm-m	1	6/27/2000
SPECIFIC GRAVITY		**M2710 F**				Analyst: **HR**
Specific Gravity	1.009	0.001		Units	1	6/26/2000
SULFATE		**M4500-SO4 D**				Analyst: **HR**
Sulfate	5.1	5		mg/L	1	6/29/2000
TOTAL DISSOLVED SOLIDS		**E160.1**				Analyst: **HR**
Total Dissolved Solids (Residue, Filterable)	13900	40		mg/L	1	6/27/2000
TOTAL DISSOLVED SOLIDS		**CALC**				Analyst: **HR**
Total Dissolved Solids (Calculated)	12900	40		mg/L	1	7/11/2000

Qualifiers:

PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surr - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

Schlumberger **INDUCTION-ELECTRICAL LOG**

COMPANY Tenneco Oil Company

WELL Monument #2

FIELD Basin Dakota

COUNTY San Juan STATE New Mexico

COUNTY / FIELD or LOCATION / WELL / COMPANY

LOCATION NW¼ API Serial No.

Sec. 16 Twp. 24N Rge. 10W

Other Services: FDC-CNL-GR, BHC-GR

Permanent Datum: GL Elev.: 6797

Log Measured From: KB 13 Ft. Above Perm. Datum

Drilling Measured From: KB

Elev.: K.B. 6810, D.F. 6809, G.L. 6797

Date	4-8-74			
Run No.	ONE			
Depth—Driller	6190			
Depth—Logger	6180			
Btm. Log Interval	6179			
Top Log Interval	365			
Casing—Driller	8⅝ @ 365	@	@	@
Casing—Logger	365			
Bit Size	7⅞			
Type Fluid in Hole	FGM			
Dens. / Visc.	9.2 / 120			
pH / Fluid Loss	— / — ml	ml	ml	ml
Source of Sample	MUD PIT			
R_m @ Meas. Temp.	3.41 @ 70 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.93 @ 70 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	9.0 @ 70 °F	@ °F	@ °F	@ °F
Source R_{mf} / R_{mc}	M / C	— / —	— / —	— / —
R_m @ BHT	@ °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	2400			
TIME: Logger on Bottom	0400			
Max. Rec. Temp.	°F	°F	°F	°F
Equip. / Location	5613 FARM	/	/	/
Recorded By	DOOD FIACCO			
Witnessed By	BARTOS			

Reproduced By

Electrical Log Services

Midland, Texas 79701

REFERENCE K 3469F

ELSI

21 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

1400
1500
1600
1700
1800
1900
2000
2100
2200

2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000

3600
3500
3400
3300
3200
3100
3000
2900
2800
2700

4300
4200
4100
4000
3900
3800
3700

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892 • Fax (505) 327-9834

June 7, 2001

Mr. Lee Otteni
Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401

Re: Notice of Intent to Inject
Coleman Oil and Gas
Juniper SWD #1
880' FNL and 730' FWL
Section 16, T24N, R10W

Dear Mr. Otteni,

Coleman Oil and Gas is applying for a permit to dispose of water produced from the Fruitland formation into the Mesa Verde formation in the proposed Juniper SWD #1 well. The Juniper SWD is located in Sec 16D, T24, R10W (880' FNL & 730' FWL). The Mesa Verde injection zone is located at a depth of 3820'. Coleman plans to dispose of approximately 1000 BWPD with a maximum of 2000 BWPD at pressures that range from 764 psi to 1528 psi.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights to object, and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87504, within 15 days of receipt of this letter.

Should you have any questions or concerns regarding this matter, please feel free to contact me anytime at (505) 327-4892.

Sincerely,

Paul C. Thompson

Paul C. Thompson
Agent

AFFIDAVIT OF PUBLICATION

Ad No. 44510

STATE OF NEW MEXICO
County of San Juan:

ALETHIA ROTHLISBERGER, being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Sunday, May 27, 2001.

And the cost of the publication is $20.01.

Alethia Rothlisberger

ON 5/31/01 ALETHIA ROTHLISBERGER appeared before me, whom I know personally to be the person who signed the above document.

Ginny Beck

My Commission Expires April 02, 2004

COPY OF PUBLICATION

918 Legals

LEGAL NOTICE

Coleman Oil and Gas, proposes to drill an complete the Juniper SWD #1, to be used for a water disposal well. The well will be located in Section 16D, Township 24N, Range 10W. Produced Fruitland coal water is to be disposed into the Mesaverde formation at a maximum rate of 2000 bwpd at 1,500 psi.

Questions concerning this proposal can be sent to Paul C. Thompson, Walsh Engineering and Production Corp., 7415 East Main Street, Farmington, New Mexico 87402. (505) 327-4892.

Interested parties should file comments or objections and requests for hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days.

Legal No. 44510, published in The Daily Times, Farmington, New Mexico, Sunday, May 27, 2001.

Walsh Engr. & Prod Corp.
7415 E. Main
Farmington, NM 87402~~wALSH~~

Z 218 144 891

MAIL

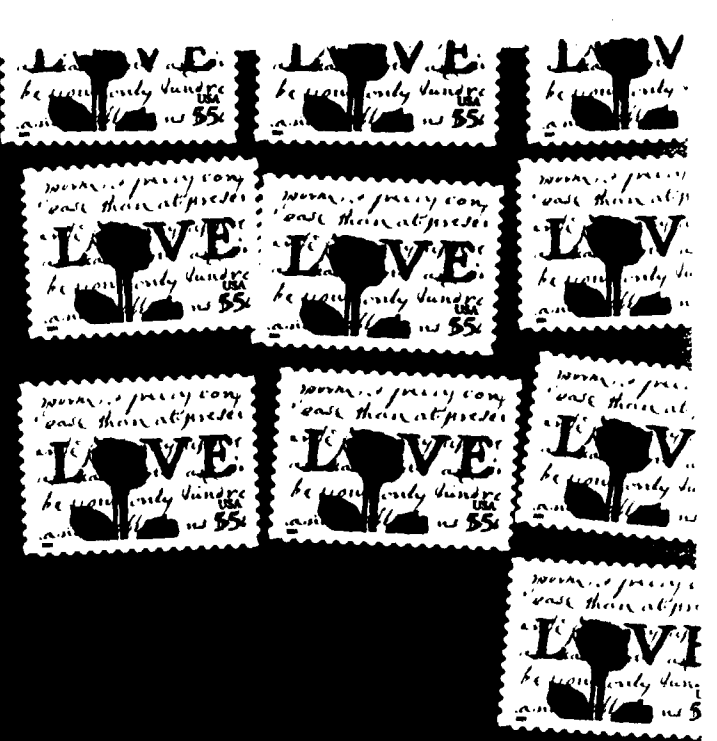
PS Form **3800**, April 1995

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Z 218 144 891

Sent to Mr. Lee Otteni
BLM
Street & Number 1235 La Plata Highway
Post Office, State, & ZIP Code Farmington, NM 87401

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$ 4.77
Postmark or Date	6-11-01



SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Lee Otteni
Bureau of Land Management
1235 La Plata Highway
Farmington, N.M. 87401

4a. Article Number
Z 218 144 891

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Mr. Lee Otteni
Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401