

DATE IN 8/7/03	SUSPENSE 8/28/03	ENGINEER WVJ	LOGGED IN LR	TYPE SWD	APP NO. PLR0321953905
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



RECEIVED

AUG 07 2003

**OIL CONSERVATION
DIVISION**

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

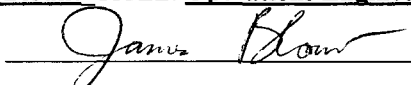
- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Blount		Operation Engineering Advisor	7-24-03
Print or Type Name	Signature	Title	Date
		Jim.blount@dmv.com	
		e-mail Address	

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance ☒ Disposal _____ Storage
Application qualifies for administrative approval? ☒ Yes _____ No
- II. OPERATOR: Devon Energy Production Company, LP
ADDRESS: 20 North Broadway, Ste 1500, Oklahoma City, OK 73102
CONTACT PARTY: James Blount PHONE: (405)228-4301
- 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 ☒ 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: James Blount TITLE: Operations Engineering Advisor
SIGNATURE:  DATE: 7-24-03
- * 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: _____

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.

C-108 Application for Authorization to Inject
Devon Energy Production Company, LP
Catchlaw 2 State #1
Unit 1, Sec 2 T26S R29E
Eddy County, New Mexico

Devon Energy Production Company, LP plans to convert this well to a water disposal well into the Delaware Sand.

Operator: Devon Energy Production Company, LP
 20 North Broadway, Ste 1500
 Oklahoma City, OK 73102

Well Data: See Attachment A

This is not an expansion of an existing project

See Attached map, Attachment B.

7 well are within the area of review penetrate the proposed injection zone (See Attachment C)

Proposed average daily injection volume approximately 1,000 BWPD. Maximum daily injection volume approximately 2,000 BWPD.

This will be a closed system.

Proposed average injection pressure unknown
Proposed maximum injection pressure 1000 psi.

Sources of injected water would be produced water from the Delaware Sand.
(Attachment D)

The proposed injection interval is the Delaware Sand formation consisting of porous Sandstone from estimated depths of 3207' – 4310'.

Possible Fresh water zones overlie the proposed injection formations at depths to approximately 500'. There are no fresh water zones underlying the formation.

The proposed disposal interval may be acidized with 7 ½% HCL acid, or proppant fractured.

Logs were filed at the Artesia office when the well was drilled.

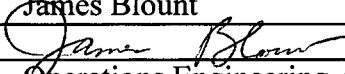
Does anything exists within a one-mile radius of the subject location?

Devon Energy Production Company, LP has examined geologic and engineering data and has found that there is no evidence of faulting in the proposed interval.

Proof of Notice.

- A. Certified letters sent to the surface owner and offset operators attached (Attachment E)
- B. Copy of legal advertisement attached. (Attachment F)

Certification is signed.

Print or Type Name: James Blount
Signature: 
Title: Operations Engineering Advisor
Date: _____
e-mail Address: jim.blount@dvn.com

**Devon Energy Production Company, LP
Catclaw 2 State #1
A-2-T26S R29E
Eddy County, New Mexico**

30-015-27767

Attachment A

Well Data

Lease Name/Location

Catclaw 2 State #1
A-2-T26S R29E
710 FNL & 500 FEL

Casing String

Present well condition

13 3/8", 54.5#, J55 set @620' w/655 sx (circ)
8 5/8", 32# & 24#, J55, set @3207' w/1650sx (circ)
5 1/2", 15.5#, 5815', K55 set @5815' w/6570sx

Present Status

Plugged, The 5 1/2" csg was cut @4400' TOC @4640', Open hole from 3257' to 4400'

Proposed well Condition

Casing same as above. Drill out the cement plug @3208'
3 1/2", 9.3#, J55 plastic-coated injection tubing @

Propose to use Guiberson or Baker plastic-coated or nickel-plated packer set @3160'

Injection formation: Delaware Sand

Injection Interval will be through the open hole from approximately 3207' – 4310' gross interval.

Well was originally drilled as a Delaware Sand oil well. Well will be Delaware Sand water disposal well (3207' – 4310') when work is completed

Perforations: Open Hole

Next higher (shallower) oil or gas zone within 2 miles - None

Next lower (deeper) oil or gas zone within 2 miles – 5200'

Well Summary

Engr: James Blount
Elev 2997' GR
Compl Date: 1/26/1994
API # 30-015-27767

WellBore Schematic.xls

Straight Hole

Engr: James Blount
Elev 2997' GR
Compl Date: 1/26/1994
API # 30-015-27767

WellBore Schematic.xls

COMPANY Southwest Royalties, Inc.		PROPERTY NAME Catawba State		WELL NO. 1
DATE 7-17-96	LOCATION (ULSTR) A-2-26-29	FOOTAGE 710 N/500 E		
API NO. 27767	POOL Brushy Draw, Delaware, North			

1. Set CIBP @ 5200' cap w/ 35' cement.
2. Circ 9" ppg gelled mud from above CIBP to surface.
3. Cut 5 1/2" casing above shoe point 21640'. Pull 5 1/2".
4. Spot 600X down plug. Tag.
5. Spot 600X plug shoe 3257-3157'. Tag.
6. Spot 600X plug shoe 670'-670'. Tag.
7. Spot 250X plug 50'-surface.
8. Check PRA monitor & clean location to old guidelines.

Notify CCA & witnesses tags.

CASING RECORD:

DRILL OUT SURF PLUG.

WELD ON CSG HEAD.

DRILL OUT PLUG 520-670'

DRILL OUT PLUG 3060-3257'

RIH TO PLUG @ 4310' +

CIRC HOLE W/ PRODUCED

WTR. POOH.

OPTIONAL - REAM FROM 3257-4310'. POOH

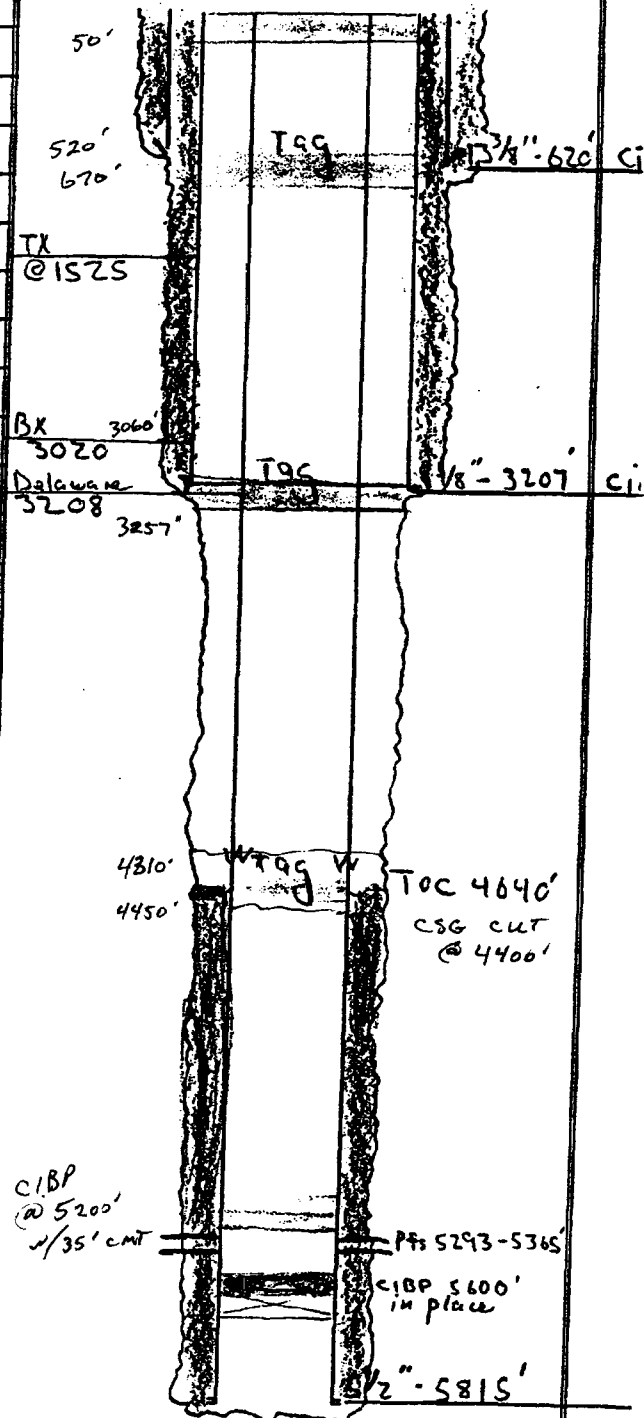
RIH w/ ~~8 5/8~~ 8 5/8" PRR + 4 1/2" IPC

TBG TO 3160'. ~~PRR~~

LOAD ANNULUS w/ PRR FLUID +

SET PRR,

NU INT TREE + ESTAB PIR.



4/17/96

B6A

Attachment "C"

Catclaw 2 State #1
Form C108

27767

Look @ SWD-541

Tabulation of data on wells within area of review

Well Name	Operator	Type	Spud	Total Depth	Producing Zone	Perforations	Completion Information
State #1 660 FNL & 660 FEL Sec 2-26S-29E	Devon	D&A	6/14/1960	3359'	Dry Hole	Did not penetrate zone	7 5/8" 775, Cmt'd w/300 sx Set plugs @ 3200' - 3050' Set plugs @ 775' - 625' Set plugs @ 150' - 0
Tesuque 2 State #1 660' FNL & 1980' FWL Sec 2 26S 29E	Devon	Oil	5/30/2003	6010'	Delaware	5256' - 5930'	13 3/8" @691', Cmt'd w/650 sx 5 1/2" @6010', Cmt'd w/1800 sx
China Grove Federal #1 660' FNL & 660' FWL Sec 1-26S-29E	Southwest Royalties	P&A	9/27/1993	5850'	Delaware	5645' - 5718'	13 3/8" @610, Cmt'd w/400sx 8 5/8" @3230, Cmt'd w/1705sx 5 1/2" @5850, Cmt'd w/600 sx
North Brushy Draw A 35 Federal #3 1980 FSL & 660 FEL SEC 35 25S 29E	Southwest Royalties	Oil	7/1/1993	5772'	Delaware	5638' - 5675'	13 3/8" @621, Cmt'd w/600sx 8 5/8" @3225, Cmt'd w/1350sx 5 1/2" @5772, Cmt'd w/635 sx
North Brushy Draw A 35 Federal #4 400 FSL & 600 FEL SEC 35 25S 29E	Southwest Royalties	TA	2/2/1994	7200'	Delaware	5618' - 5680'	13 3/8" @640, Cmt'd w/685sx 8 5/8" @3220, Cmt'd w/1283sx 5 1/2" @5744', Cmt'd w/615sx
North Brushy Draw A 35 Federal #8 990 FSL & 1980 FEL SEC 35 25S 29E	Southwest Royalties	Oil	3/14/1994	5741'	Delaware	5567' - 5637'	13 3/8" @605, Cmt'd w/650sx 8 5/8" @3185, Cmt'd w/1050sx 5 1/2" @5741', Cmt'd w/600sx
Pogo 36 State #2 330 FSL & 330 FWL SEC 36 25S 29E	Southwest Royalties	P&A	8/24/1993	5900'	Delaware	5680' - 5710'	13 3/8" @617, Cmt'd w/600sx 8 5/8" @3256, Cmt'd w/1350sx 5 1/2" @5900', Cmt'd w/665sx

~~27767~~

[illegible]

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Getty (Delaware)	5564	5698	Oil & Water			
				Base Salt	3020'	
				Delaware LS	3200'	
				Delaware SS	3233'	
				Cherry Canyon	4093'	
				Manzanita Marker	4274'	
				Williamson SS	5262'	
				Getty SS	5564'	

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	OIL
County	:	EDDY	Drill Total Depth	:	5772
Field	:	BRUSHY DRAW NORTH	Log Total Depth	:	
Operator Name	:	SOUTHWEST ROYALTIES	True Vertical Depth	:	
Lease Name	:	NORTH BRUSHY DRAW 'A 35' FEDERAL			
Well Number	:	3	Spud Date	:	JUL 01, 1993
API Number	:	30015275020000	Comp Date	:	AUG 02, 1993
Regulatory API	:				
Init Lahee Class	:	WO	Hole Direction	:	VERTICAL
Final Lahee Class	:	WOE	Reference Elevation	:	
Permit Number	:		Ground Elevation	:	3026
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	
Formation at TD	:	453DLWR			
Oldest Age Pen	:	453			
Producing Formation	:	453DLWR			
Township	:	25 S	Section	:	35 SEC
Range	:	29 E	Spot	:	NE SE
Base Meridian	:	NEW MEXICO			

Additional Location Information				
Footage Location	:	1980 FSL 660 FEL CONGRESS SECTION		
Latitude	:	32.0843800	Latitude (Bot)	:
Longitude	:	-103.9478300	Longitude (Bot)	:
Lat./Long. Source	:	TS		
Location Narrative	:	Type	Remark	
		LOCATION	12 MI SE MALAGA, NM SLIGHTLY SE OF SOUTHWEST ROYALTIES #1, COMP 3/30/93 FROM (DLWR) IN UNNAMED FLD	

Initital Potential Tests										
Test	Top Form	Base Form	Top Depth	Base Depth	Choke	GOR	Oil Grav	Prod Method	Test Method	
001	453DLWR	453DLWR	5638	5675		171		PERF	PUMPING	
IP Volume										
Test	Amount	Oil Unit	Desc	Amount	Cond Unit	Desc	Amount	Gas Unit	Desc	Wtr Amount Unit Desc
001	193	BPD					33	MCFD		200 BBL
IP Pressure										
Test	FTP	SITP	FCP	SICP						
001										
IP Perforation										
Test	Top	Base	Type	Method	Top Form	Base Form	Status	Count	Density	Per
001	5638	5655		PERF	453DLWR	453DLWR	A			
001	5658	5675		PERF	453DLWR	453DLWR	A			

Casing Data			
Size	Base Depth	Cement	Unit
13 3/8 IN	621	600	SACK
8 5/8 IN	3225	1350	SACK
5 1/2 IN	5772	635	SACK

Tubing Data	
Size	Base Depth
2 7/8 IN	5683

PI/Dwights PLUS on CD Well Summary Report

Dwights Energydata Narrative

Accumulated through 1997

IP: (5638-5775) P 193 BOPD; 33 MCFGPD; 200 BWPD

Perfs: 5658-5675

Perfs: - no treatment rptd

Perfs: 5638-5655

Perfs: - no treatment rptd

Dwights number: T4549860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUP. ATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM - 54290	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> FLSR <input type="checkbox"/> DIFF. GRAVE <input type="checkbox"/> Other _____				6. IF INDIAN ALLOTTEE OR TRUST LAND N/A NM OIL CONS COMMISSION	
3. NAME OF OPERATOR Southwest Royalties, Inc.				7. UNIT AGREEMENT NAME Artesia, NM 88210	
4. ADDRESS AND TELEPHONE NO. P.O. Box 11390, Midland, Texas 79702 (915) 686-9927				8. FARM OR LEASE NAME, WELL NO. North Brushy Draw "A" 35	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 400' FSL & 600' FEL At top prod. interval reported below As Above At total depth As Above				9. API WELL NO. Federal #4 30-015-27805	
10. FIELD AND POOL, OR WILDCAT North Brushy Draw (Delaware)				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35, T-25-S, R-29-E	
12. PERMIT NO. N/A				13. DATE ISSUED 1-21-94	
14. COUNTY OR PARISH Eddy				15. STATE New Mexico	
16. DATE SPUNDED 2-2-94		17. DATE T.D. REACHED 2-18-94		18. DATE COMPL. (Ready to prod.) 3-10-94	
19. ELEVATIONS (SP. HED. ST. OR, ETC.)* GL 3047.6		20. ELEV. CASINGHEAD		21. TOTAL DEPTH, MD & TVD 5800'	
22. PLUG, BACK T.D., MD & TVD 5721'		23. IF MULTIPLE COMPL., HOW MANY* N/A		24. INTERVALS DRILLED BY ROTARY TOOLS X	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5618' - 5680' Getty Sand (Delaware)				26. WAS DIRECTIONAL SURVEY MADE Yes (attached)	
27. TYPES ELECTRIC AND OTHER LOGS RUN GR/CBL/CCL				28. WAS WELL Cased No	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8"		61 #		640'	
8-5/8"		24 & 32 #		3220'	
5-1/2"		15.5 #		5744'	
MOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
17-1/2"		Surface - 685 sx C1 C		-0-	
12-1/4"		Surface - 1283 sx C1 C		-0-	
7-7/8"		2700' - 615 sx C1 C		-0-	
30. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-7/8"		5600'		-	
31. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-7/8"		5600'		-	
32. PREPARATION RECORD (Interval, size and number)					
5618' - 5630' 5636' - 5638' 5641' - 5666' 5670' - 5680' (52 holes)					
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5618 - 5680'		107,000 # 16/30 Ottawa Sand			
		26,000 # 16/30 RC Sand			
		44,500 # gals frac fluid			
34. PRODUCTION					
DATE FIRST PRODUCTION 3-10-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3-19-94		HOURS TESTED 24		CHOKE SIZE N/A	
PROD'N. FOR TEST PERIOD		OIL—BBL. 50		GAS—MCF. 10	
WATER—BBL. 229		GAS-OIL RATIO 200		OIL GRAVITY-API (CORR.) 36.0	
FLOW, TUBING PRESS. N/A		CASING PRESSURE N/A		CALCULATED 24-HOUR RATE	
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sales					
36. LIST OF ATTACHMENTS GR/CBL/CCL Log, Cement Bond Log, Deviation Survey					
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED [Signature]		TITLE Regulatory Agent		DATE 3-28-94	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.
Top Delaware Sand	3236		
Cherry Canyon SS	4110'		
Top Williamson SS	5280'	5367'	
Top Getty SS	5582'	5708'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Lime	3204'	
Cherry Canyon Marker	4287'	

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	TA
County	:	EDDY	Drill Total Depth	:	7200
Field	:	BRUSHY DRAW NORTH	Log Total Depth	:	
Operator Name	:	SOUTHWEST ROYALTIES	True Vertical Depth	:	
Lease Name	:	NORTH BRUSHY DRAW 'A35' FEDERAL			
Well Number	:	4	Spud Date	:	FEB 02, 1994
API Number	:	30015278050000	Comp Date	:	FEB 22, 1994
Regulatory API	:				
Init Lahee Class	:	D	Hole Direction	:	VERTICAL
Final Lahee Class	:	D	Reference Elevation	:	3056 KB
Permit Number	:		Ground Elevation	:	3048
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	3056
Formation at TD	:	453DLWR			
Oldest Age Pen	:	453			
Township	:	25 S	Section	:	35 SEC
Range	:	29 E	Spot	:	SE SE
Base Meridian	:	NEW MEXICO			

Additional Location Information				
Footage Location	:	400 FSL 600 FEL CONGRESS SECTION		
Latitude	:	32.0799300	Latitude (Bot)	:
Longitude	:	-103.9478900	Longitude (Bot)	:
Lat./Long. Source	:	TS		
Location Narrative	:	Type	Remark	
		LOCATION	12 MI SW MALAGA, NM	

Production Tests								
Test	Top	Base	Top	Base		Oil	Prod	Test
	Form	Form	Depth	Depth	Choke	GOR Grav	Method	Method
001								UNDESIGNATED

Production Volume											
Test	Amount	Oil	Desc	Amount	Cond	Unit	Desc	Amount	Gas	Unit	Desc
001		Unit		Unit					Unit		

Casing Data			
Size	Base Depth	Cement	Unit
13 3/8 IN	600		
8 5/8 IN	3141		

Dwights Energydata Narrative

Accumulated through 1997

IP: (Delaware 5618-5680) P 50 BOPD grav 36; 10 MCFGPD; 229 BWPD
 Perfs: 5618-5680 (Delaware)
 Perfs: w/52 holes total @ 5618-5630, 5636-5638, 5641-5666, 5670-5680 - frac
 Perfs: w/107000# 16/30 sd 26000# 16/30 resin coated sd 44500 gal frac fluid
 Dwights number: T4591700

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawn D

Artesia, NM 88210
SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM - 54290																									
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> FILL BACK <input type="checkbox"/> DIFF. REMVR <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A																									
2. NAME OF OPERATOR Southwest Royalties, Inc.		7. UNIT AGREEMENT NAME N/A																									
3. ADDRESS OF OPERATOR P.O. Box 11390, Midland, Texas 79702 (915) 686-9927		8. FARM OR LEASE NAME North Brushy Draw "A" 35																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State Regulations) At surface 990' FSL & 1980' FEL At top prod. interval reported below As Above At total depth As Above		9. WELL NO. Federal #8 30-015-27874																									
14. PERMIT NO. N/A		10. FIELD AND POOL, OR WILDCAT North Brushy Draw (Delaware)																									
DATE ISSUED MAY 23, 1994		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35, T-25-S, R-29-E																									
12. COUNTY OR PARISH Eddy		13. STATE New Mexico																									
15. DATE SPUDDED 3-14-94	16. DATE T.D. REACHED 3-30-94	17. DATE COMPL. (Ready to prod.) 4-10-94	18. ELEVATIONS (DF, RKB, BT, OR, ETC.) GL 3011'																								
19. ELEV. CASINGHEAD 3012'	20. TOTAL DEPTH, MD & TVD 5741'																										
21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY?	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5567' - 5637' 21 holes, 1 JSPF (Getty-Sand Delaware)																								
25. WAS DIRECTIONAL SURVEY MADE Yes (attached)			26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log / DLL / Neutron																								
27. WAS WELL CORED No			28. CASING RECORD (Report all strings set in well)																								
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>61 #</td><td>605'</td><td>17-1/2"</td><td>Surface - 650 sx C1 C</td><td>None</td></tr><tr><td>8-5/8"</td><td>24 & 32 #</td><td>3185'</td><td>12-1/4"</td><td>Surface - 1050 sx C1 C</td><td>None</td></tr><tr><td>5-1/2"</td><td>15.5 #</td><td>5741'</td><td>7-7/8"</td><td>2320' - 600 sx C1 C</td><td>None</td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	61 #	605'	17-1/2"	Surface - 650 sx C1 C	None	8-5/8"	24 & 32 #	3185'	12-1/4"	Surface - 1050 sx C1 C	None	5-1/2"	15.5 #	5741'	7-7/8"	2320' - 600 sx C1 C	None
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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
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DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																				
4-30-94	24	N/A		17	1	187	59																				
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N/A	N/A					36.0																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM / Sales if increase																											
35. LIST OF ATTACHMENTS Cement Bond Log / DLL / Neutron / Deviation Survey																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <i>[Signature]</i>		TITLE Regulatory Agent																									
DATE 5-4-94																											

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

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.
Bell Canyon SS	3212'	4060'	Fine grained sands and siltstones.
Cherry Canyon SS	4060'	5240'	Fine grained sands, tight limestones and siltstones.
Brushy Canyon SS	5240'	5741'	Fine grained sands and siltstones.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Lamar Limestone	3167'	
Cherry Canyon	4243'	

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	OIL
County	:	EDDY	Drill Total Depth	:	5741
Field	:	BRUSHY DRAW NORTH	Log Total Depth	:	
Operator Name	:	SOUTHWEST ROYALTIES	True Vertical Depth	:	
Lease Name	:	NORTH BRUSHY DRAW 'A35' FEDERAL			
Well Number	:	8	Spud Date	:	MAR 14, 1994
API Number	:	30015278740000	Comp Date	:	APR 30, 1994
Regulatory API	:				
Init Lahee Class	:	D	Hole Direction	:	VERTICAL
Final Lahee Class	:	DO	Reference Elevation	:	3019 KB
Permit Number	:		Ground Elevation	:	3011
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	3019
Formation at TD	:	453DLWR			
Oldest Age Pen	:	453			
Producing Formation	:	453DLWR			
Township	:	25 S	Section	:	35 SEC
Range	:	29 E	Spot	:	SW SE
Base Meridian	:	NEW MEXICO			

Additional Location Information				
Footage Location	:	990 FSL 1980 FEL CONGRESS SECTION		
Latitude	:	32.0816700	Latitude (Bot)	:
Longitude	:	-103.9520700	Longitude (Bot)	:
Lat./Long. Source	:	TS		
Location Narrative	:	Type	Remark	
		LOCATION	12 MI SE MALAGA, NM	

Initial Potential Tests												
Test	Top Form	Base Form	Top Depth	Base Depth	Choke	GOR	Oil Grav	Prod Method	Test Method			
001	453DLWR	453DLWR	5567	5637		59	36	PERF	PUMPING			
IP Volume												
Test	Amount	Oil Unit	Desc	Amount	Cond Unit	Desc	Amount	Gas Unit	Desc	Amount	Wtr Unit	Desc
001	17	BPD					1	MCFD		187	BBL	
IP Pressure												
Test	FTP	SITP	FCP	SICP								
001												
IP Treatment												
Test	Top	Base	Volume	Meas	Amount	T/P	PSI	Inj	Type	Nbr	Agent	Add
001	5567	5637	1750	GAL					ACID			
001	5567	5637	39000	GAL	138000	LB			FRAC		SAND	GELA
IP Perforation												
Test	Top	Base	Type	Method	Top Form	Base Form	Status	Count	Density	Per		
001	5567	5637		PERF	453DLWR	453DLWR	A		1	FT		

Formations							
Form Code	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology
453BLCN	BELL CANYON /SD/	3212				LOG	
453CRCN	CHERRY CANYON	4060				LOG	
453BRSC	BRUSHY CANYON	5240				LOG	

Log Data

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL
DD FORM 88210
TE
EXPIRES: FEBRUARY 28, 1995

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

CLSF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPERFORATION ☐ PLUG BACK ☐ DIFF. EXPOS. ☐ Other ☐

3. NAME OF OPERATOR: Southwest Royalties, Inc.
4. ADDRESS AND TELEPHONE NO.: P.O. Box 11390, Midland, Texas 79702 (915) 686-9927
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 660' FNL & 660' FWL
At top prod. interval reported below As above
At total depth As above

6. LEASE DESIGNATION AND SERIAL NO.: NM - 77023
7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
8. UNIT AGREEMENT NAME: N/A
9. FARM OR LEASE NAME, WELL NO.: China Grove Federal #1
10. API WELL NO.: 30-015-27678
11. FIELD AND POOL OR WILDCAT: North Brushy Draw - Delaware
12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 1, T-26-S, R-29-E

14. PERMIT NO.: DATE ISSUED: 9-22-93
15. DATE SPUDDED: 9-27-93
16. DATE T.D. REACHED: 10-13-93
17. DATE COMPL. (Ready to prod.): 10-25-93
18. ELEVATIONS (DP, BKB, ST, GR, ETC.): 3052' GL
19. ELEV. CASINGHEAD: 3053'
20. TOTAL DEPTH, MD & TVD: 5850'
21. PLUG BACK T.D., MD & TVD: 5805'
22. IF MULTIPLE COMPL., HOW MANY?: N/A
23. INTERVALS DRILLED BY: X
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): Getty (Delaware) 5645' - 5718'

25. TYPE ELECTRIC AND OTHER LOGS RUN: DLL/MLL & CDL/CNL/GR Cased hole GR/CBL/CCL Log
27. WAS WELL Cased: No

29. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" J-55	54.5 #	610'	17-1/2"	Circ to surface - 400 sx	N/A
8-5/8" J-55	24 # & 32 #	3230'	11"	Circ to surface - 1705 sx	N/A
5-1/2" K-55	15.5 #	5850'	7-7/8"	438' - 600 sx	N/A
				Cmt on 2 stages - DV tool	@ 4894'

30. LINER RECORD					31. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					7-7/8"	5627'	N/A

32. PERFORATION RECORD (Interval, size and number): 5645' - 5718' (.5" holes) 57 holes

32. ACID SHOT, FRACTURE CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5645' - 5718'	3000 gals 7-1/2% NEFE
5645' - 5718'	30,000 gals + 92,000 # sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-06-93		Pumping - 1-1/2" 20' Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-23-93	24	N/A		22	28	151	1272
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	N/A		22	28	151	36.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Used for fuel & vented

35. LIST OF ATTACHMENTS: Open hole logs, Inclination Survey, Cased hole log

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

SIGNED: [Signature] TITLE: Regulatory Agent DATE: 11-10-93

ACCEPTED FOR FILING BY: Al Perry
(ORIG. SGD.) DAVID R. GLASS
DEC 28 1993

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Getty (Delaware)	5610'	5740'	Oil & Water			
				Base Salt	3040'	3040'
				Delaware LS	3200'	3200'
				Delaware SS	3260'	3260'
				Cherry Canyon	4101'	4101'
				Williamson SS	5406'	5406'
				Getty SS	5610'	5610'

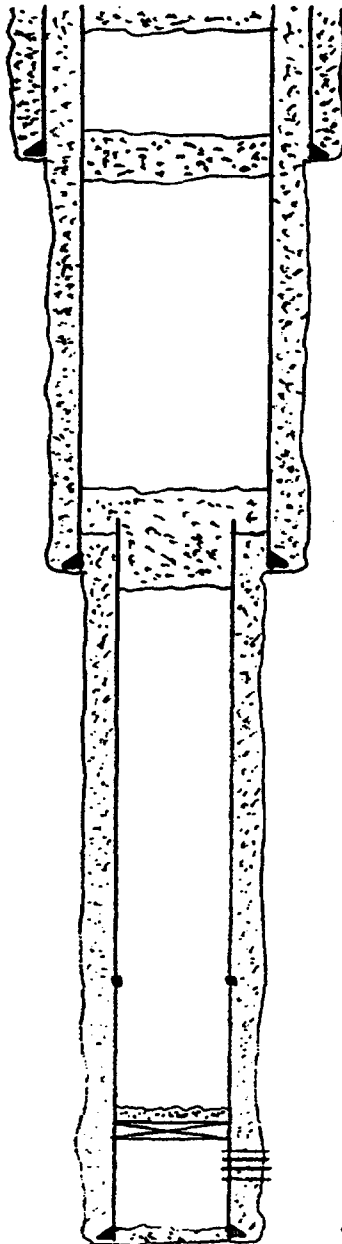
SOUTHWEST ROYALTIES

PROJECT China Grove Fed #1

PAGE 1 OF 1

BY RDX DATE 12-9-94

Proposed Plugging



Cmt plug from 30' - surface

13-3/8" @ 610' Cmt to surface with 600 sx
Cmt plug from 510' - 710'

plug from 3330' - 3050'

TOC on 5 1/2" is 3224' by CBL.

8 5/8" @ 3230'. Cmt to surface with 1705 sx.

DV tool @ 5000'

100' of Cmt
CROP @ 5610'

Perforations: 5645' - 5718'

5 1/2" @ 5850'. Cmt in two stages. DV tool @ 5000'
1st stage: 200 sx 2nd stage: 400 sx.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR - 6 1995

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or recomplete a well. Use "APPLICATION FOR PERMIT—" for such proposals.

OIL CON. DIV.
DIST. 2

SUBMIT 6

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SOUTHWEST ROYALTIES, INC.

3. Address and Telephone No.

P.O. BOX 11390, MIDLAND, TEXAS 79702 (915) 686-9927

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 660' FWL
SEC 1, T-26S, R-29E

5. Lease Designation and Serial No.

NM77023

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CHINA GROVE FEDERAL #1

9. API Well No.

30-015-27678

10. Field and Pool, or Exploratory Area

BRUSHY DRAW DELAWARE, N.

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☒ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-22-95 RIH W/TBG & CIBP; CIBP SET AT 5612'; CIRC HOLE WITH 9.0 PPG MUD; PRESS TST 5-1/2" CSG TO 500 PSI; HELD 15 MINS. REL PRESS; PMP 15 SXS CMT TO CAP CIBP; POOH W/TBG & SION.

2-23-95 SHOT 5-1/2" CSG AT 3108', PIPE NOT FREE. SPOTTED 50 SXS CMT FROM 3280' TO 2950'. WOC AND TAGGED AT 2875' AS REQUESTED BY GENE HUNT WITH BLM.

2-24-95 RE-TAGGED CMT PLUG, STILL AT 2875'. POH WITH TBG. NU BOP, SHOT 5-1/2" CSG AT 1922'. PULLED 46 JTS 5-1/2". CUT CSG AT 1922'. RIH TBG TO 1975'. SPOT 35 SXS CMT PLUG CALULATED TOC AT 1850'. SPOT CMT PLUG AT 710' 50 SXS CMT CALCULATED TOC AT 510'. PULLED UP TO 50', PMPED 15 SXS CMT TO SURFACE.

2-27-95 WELDED ON CASING PLATE AND MARKER. WELL P & A 2-27-95

Post IO-2
4-21-95
P&A

14. I hereby certify that the foregoing is true and correct

Signed

Adam Salameh

Title

REGULATORY ASST.

Date

3-27-95

(This space for Federal or State office use)

Orig. Signed by Adam Salameh

Title

Petroleum Engineer

Date

4/3/95

Approved by

Conditions of approval, if any:

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	OIL
County	:	EDDY	Drill Total Depth	:	5850
Field	:	BRUSHY DRAW NORTH	Log Total Depth	:	
Operator Name	:	SOUTHWEST ROYALTIES	True Vertical Depth	:	
Lease Name	:	CHINA GROVE FEDERAL			
Well Number	:	1	Spud Date	:	SEP 27, 1993
API Number	:	30015276780000	Comp Date	:	NOV 23, 1993
Regulatory API	:				
Init Lahee Class	:	WF	Hole Direction	:	VERTICAL
Final Lahee Class	:	DO	Reference Elevation	:	3060 KB
Permit Number	:		Ground Elevation	:	3052
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	3060
Formation at TD	:	453DLWR			
Oldest Age Pen	:	453			
Producing Formation	:	453DLWR			
Township	:	26 S	Section	:	1 SEC
Range	:	29 E	Spot	:	NW NW
Base Meridian	:	NEW MEXICO			

Additional Location Information				
Footage Location	:	660 FNL 660 FWL CONGRESS SECTION		
Latitude	:	32.0771200	Latitude (Bot)	:
Longitude	:	-103.9434500	Longitude (Bot)	:
Lat./Long. Source	:	TS		
Location Narrative	:	Type	Remark	
		LOCATION	12 MI SE MALAGA, NM	

Initial Potential Tests												
Test	Top Form	Base Form	Top Depth	Base Depth	Choke	GOR	Oil Grav	Prod Method	Test Method			
001	453DLWR	453DLWR	5645	5718		1272	36	PERF	PUMPING			
IP Volume												
Test	Amount	Oil Unit	Desc	Amount	Cond Unit	Desc	Amount	Gas Unit	Desc	Amount	Wtr Unit	Desc
001	22	BPD					28	MCFD		151	BBL	
IP Pressure												
Test	FTP	SITP	FCP	SICP								
001												
IP Treatment												
Test	Top	Base	Volume	Meas	Amount	T/P	PSI	Inj	Type	Nbr	Agent	Add
001	5645	5718	3000	GAL					ACID			
001	5645	5718	30000	GAL	92000	LB			FRAC		SAND	
IP Perforation												
Test	Top	Base	Type	Method	Top Form	Base Form	Status	Count	Density	Per		
001	5645	5718		PERF	453DLWR	453DLWR	A	57				

Formations							
Form Code	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology
453DLLM	BLACK LIME /DELAWARE LM/	3200				LOG	
453DLWR	DELAWARE	3260				LOG	
453CRCN	CHERRY CANYON	4101				LOG	
454SALT	SALT			3040		LOG	

PI/Dwights PLUS on CD Well Summary Report

Log Data

Run No	Log Type	Top	Base	Log MD	Max Temp
01	LLD				
01	MF				
01	DNC				
01	NEC				
01	GR				
01	CB				
01	CCL				

Casing Data

Size	Base Depth	Cement	Unit
13 3/8 IN	610	400	SACK
8 5/8 IN	3230	1705	SACK
5 1/2 IN	5850	600	SACK

Tubing Data

Size	Base Depth	Mixed String
2 7/8 IN	5627	

Dwights Energydata Narrative

Accumulated through 1997

IP: (Getty 5645-5718) P 22 BOPD grav 36.0; 28 MCFGPD; 151 B'WPD
Perfs: 5645-5718 (Getty)
Perfs: w/57 holes total - acid w/3000 gal 7 1/2% NEFe - frac w/30,000 gal
Perfs: 92,000# sd
Cores: None
Dwights number: T4568940

**PRIVATE &
CONFIDENTIAL**

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

45K

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. EXHAUST ☐ Other ☐

3. NAME OF OPERATOR
Southwest Royalties, Inc.

4. ADDRESS AND TELEPHONE NO. (915) 684-6381
P.O. Box 11390, Midland, Texas 79702 (915) 686-9927

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL & 660' FEL

At top prod. interval reported below As above

At total depth As above

14. PERMIT NO. N/A DATE ISSUED 6-25-93

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
North Brushy Draw "A" 35

9. API WELL NO. Federal #3
30-015-27502

10. FIELD AND POOL, OR WILDCAT
Wildcat - Delaware

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35, T-25-S, R-29-E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

15. DATE SPUDDED 7-1-93 16. DATE T.D. REACHED 7-13-93 17. DATE COMPL. (Ready to prod.) 8-1-93 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* GL 3026' 19. ELEV. CASINGHEAD 3027'

20. TOTAL DEPTH, MD & TVD 5772' TVD & MD 21. PLUG BACK T.D., MD & TVD 5743' MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 5772' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5638' - 5675' Getty Sand (Delaware) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MLL & CDL/CNL/GR Cased hole GR/CBL/CCL Log. 27. WAS WELL CORED No

28. CARING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48.0 #	621'	17-1/2"	Circ to surface - 600' sx	N/A
8-5/8" J-55	32 # & 24 #	3225'	11"	Circ to surface - 1350' sx	N/A
5-1/2" K-55	15.5 #	5772'	7-7/8"	TOC @ 1880'. Cmt in two stages w/ DV @ 4982' - 635' sx	N/A

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)
N/A					2-7/8"	5683'	N/A

31. PERFORATION RECORD (Interval, size and number)

5638' - 5655'	70 .5" holes
5658' - 5675'	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5638 - 5675'	3000 gal 7-1/2% NEFE
5638 - 5675'	32,000 gal fluid + 105,000# sd.

33. PRODUCTION

DATE FIRST PRODUCTION 8-1-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1-1/2" x 20' Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 8-2-93 HOURS TESTED 24 CHOKED SIZE N/A PROD'N. FOR TEST PERIOD 193 GAS—MCF. 33 WATER—BBL. 200 GAS-OIL RATIO 170

FLOW, TUBING PRESS. N/A CASING PRESSURE N/A CALCULATED 24-HOUR RATE 193 GAS—MCF. 33 WATER—BBL. 200 OIL GRAVITY-API (CORR.) 36.0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel & vented TEST WITNESSED BY Al Perry

35. LIST OF ATTACHMENTS

Open hole logs, Inclination survey, Cased hole logs.

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

SIGNED [Signature] TITLE Regulatory Agent DATE 8-3-93

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PI/Dwights PLUS on CD Well Summary Report

Run No	Log Type	Top	Base	Log MD	Max Temp
01	CB				
01	LLD				
01	NE				

Casing Data

Size	Base Depth	Cement	Unit
13 3/8 IN	605	650	SACK
8 5/8 IN	3185	1050	SACK
5 1/2 IN	5741	600	SACK

Dwights Energydata Narrative

Accumulated through 1997

IP: PROD TEST (Delaware 5567-5637 04/17/94) P 19 BOPD; no gas; 279 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/26/94) P 17 BOPD; no gas; 210 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/27/94) P 17 BOPD; no gas; 230 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/28/94) P 17 BOPD; no gas; 215 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/29/94) P 17 BOPD; no gas; 200 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/30/94) P 17 BOPD grav 36.0; no gas;
 IP: 187 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/01/94) P 17 BOPD; no gas; 202 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/02/94) P 17 BOPD; 1 MCFGPD; 195 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/03/94) P 17 BOPD; 1 MCFGPD; 202 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/04/94) P 14 BOPD; 1 MCFGPD; 192 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/05/94) P 14 BOPD; 1 MCFGPD; 198 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/18/94) P 22 BOPD; no gas; 244 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/06/94) P 14 BOPD; 1 MCFGPD; 192 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/07/94) P 14 BOPD; 1 MCFGPD; 199 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/08/94) P 14 BOPD; 1 MCFGPD; 200 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/09/94) P 14 BOPD; 1 MCFGPD; 199 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/10/94) P 14 BOPD; 3 MCFGPD; 190 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/11/94) P 6 BOPD; 1 MCFGPD; 66 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/12/94) P 14 BOPD; 16 MCFGPD; 190 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/13/94) P 14 BOPD; 9 MCFGPD; 135 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/14/94) P 14 BOPD; 19 MCFGPD; 100 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/15/94) P 14 BOPD; 21 MCFGPD; 130 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/19/94) P 13 BOPD; no gas; 230 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/16/94) P 14 BOPD; 21 MCFGPD; 148 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/17/94) P 14 BOPD; 21 MCFGPD; 150 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/18/94) P 14 BOPD; 25 MCFGPD; 130 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/19/94) P 14 BOPD; 25 MCFGPD; 130 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/20/94) P 14 BOPD; 25 MCFGPD; 135 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/21/94) P 14 BOPD; 20 MCFGPD; 125 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/22/94) P 14 BOPD; 21 MCFGPD; 150 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/23/94) P 14 BOPD; 21 MCFGPD; 130 BWPD
 IP: PROD TEST (Delaware 5567-5637 05/24/94) P 14 BOPD; 21 MCFGPD; 145 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 05/29/94) P 30 BOPD; 17
 IP: MCFGPD; 214 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/20/94) 18 hr test: -- P 5 BO; no gas;
 IP: 105 BW
 IP: PROD TEST (Williamson/Delaware 5271-5637 05/30/94) P 165 BOPD; 163

PI/Dwights PLUS on CD Well Summary Report**Dwights Energydata Narrative**

IP: MCFGPD; 151 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 05/31/94) P 141 BOPD; 117
 IP: MCFGPD; 174 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/01/94) P 80 BOPD; 70
 IP: MCFGPD; 89 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/02/94) P 64 BOPD; 110
 IP: MCFGPD; 130 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/03/94) P 105 BOPD; 83
 IP: MCFGPD; 119 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/04/94) P 102 BOPD; 102
 IP: MCFGPD; 138 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/05/94) P 91 BOPD; 109
 IP: MCFGPD; 157 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/06/94) P 75 BOPD; 108
 IP: MCFGPD; 150 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/07/94) P 55 BOPD; 109
 IP: MCFGPD; 130 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/08/94) 18 hr test: -- 28
 IP: BO; 42 MCFG; 69 BW
 IP: PROD TEST (Delaware 5567-5637 04/21/94) 18 hr test: -- P 13 BO; no gas;
 IP: 177 BW
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/09/94) P 63 BOPD; 82
 IP: MCFGPD; 184 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/10/94) P 72 BOPD; 58
 IP: MCFGPD; 169 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/11/94) P 75 BOPD; 58
 IP: MCFGPD; 92 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/12/94) P 66 BOPD; 61
 IP: MCFGPD; 175 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/13/94) P 69 BOPD; 66
 IP: MCFGPD; 127 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/14/94) P 69 BOPD; 60
 IP: MCFGPD; 155 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/15/94) P 69 BOPD; 61
 IP: MCFGPD; 149 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/16/94) P 58 BOPD; 55
 IP: MCFGPD; 169 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/17/94) P 63 BOPD; 74
 IP: MCFGPD; 160 BWPD
 IP: PROD TEST (Williamson/Delaware 5271-5637 06/18/94) P 61 BOPD; 60
 IP: MCFGPD; 160 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/22/94) P 13 BOPD; no gas; 215 BWPD
 IP: (Williamson/Delaware 5271-5637) P 61 BOPD; 60 MCFGPD; 170 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/23/94) P 19 BOPD; no gas; 230 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/24/94) P 19 BOPD; no gas; 202 BWPD
 IP: PROD TEST (Delaware 5567-5637 04/25/94) P 19 BOPD; no gas; 215 BWPD
 Perfs: 5567-5637 (Delaware)
 Perfs: w/1 JSPF 21 holes total @ 5567, 5573, 5577, 5580, 5585, 5591, 5595,
 Perfs: 5599, 5601, 5603, 5607, 5613, 5618, 5620, 5622, 5626, 5628, 5630,
 Perfs: 5632, 5635, 5637 - frac w/39000 gal Viking I-30 gel 104000# 16/30
 Perfs: Ottawa sd 24000# 16/30 resin coated sd

PI/Dwights PLUS on CD Well Summary Report

Dwights Energydata Narrative

Perfs: 5271-5293 (Williamson)
Perfs: w/1 JSPF 18 holes total @ 5271-5281, 5287-5293 - acid w/1750 gal 7
Perfs: 1/2% NEFe 25 ball slrs - frac w/28600 gal Viking I30 gel 64000# 16/30
Perfs: sd 16000# 16/30 Super LC mesh sd
Cores: None

Dwights number: T4596530

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

clsf
Blm
Bgm
Bnd
ct

WELL API NO.	30 015 27399
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	LH 2460
7. Lease Name or Unit Agreement Name	
Pogo 36 State	
8. Well No.	2
9. Pool name or Wildcat	N. Boushy Draw
Undesignated Delaware	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>					
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DEEP RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>					
2. Name of Operator Southwest Royalties, Inc.					
3. Address of Operator P.O. Box 11390, Midland, Texas 79702 (915) 686-9927 (915) 684-6381					
4. Well Location Unit Letter M : 330 Feet From The South Line and 330 Feet From The West Line Section 36 Township 25-S Range 29-E NMPM Eddy County					
10. Date Spudded 8-24-93	11. Date T.D. Reached 9-5-93	12. Date Compl. (Ready to Prod.) 9-16-93	13. Elevations (DFA RKB, RT, GR, etc.) GR 3034.9'	14. Elev. Casinghead 3035'	
15. Total Depth 5900'	16. Plug Back T.D. 5855'	17. If Multiple Compl. How Many Zones? n/a	18. Intervals Drilled By Rotary Tools X Cable Tools	20. Was Directional Survey Made No	
19. Producing Interval(s), of this completion - Top, Bottom, Name 5670' - 5726' Getty Zone (Delaware)					
21. Type Electric and Other Logs Run CDL/GR/CNL DLL/ML/GR CBL/GR/CCL				22. Was Well Cored No	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50 #	617'	17-1/2"	600 sx circ to surf	0
8-5/8"	24.0 & 32.0 #	3256'	11"	1350 sx	0
5-1/2"	15.5 #	5900'	7-7/8"	2 stage - DV tool @ 4992'	0
				1st stage - 200 sx	
				2nd stage - 465 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
n/a					2 7/8	5720	

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
5680' - 5710' .5" holes 61 holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		5680 - 5710'	3000 gals. 7-1/2% NEFE
			Frac w/ 22,500 gals. gel +
			70,000 # sd.

28. PRODUCTION							
Date First Production 9-16-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 9-21-93	Hours Tested 24	Choke Size n/a	Prod's For Test Period	Oil - Bbl. 30	Gas - MCF 2	Water - Bbl. 154	Gas - Oil Ratio 66
Flow Tubing Press. n/a	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 30	Gas - MCF 2	Water - Bbl. 154	Oil Gravity - API - (Corr.) 36	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented and used for fuel.						Test Witnessed By Al Perry	
---	--	--	--	--	--	-------------------------------	--

30. List Attachments Open hole logs, Inclination survey, Cased hole logs, C-104							
--	--	--	--	--	--	--	--

31. 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							
Signature		Printed Name Ann E. Ritchie		Title Regulatory Agent		Date 9-24-93	

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 25 through 29 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 _____ 820	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2920	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 Otzte _____
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. Delaware Sand _____ 3215	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	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 5670' to 5726' No. 3, from to
No. 2, from 5409' to 5454' No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	820	820'	Sand - Anhydrite				
820	3215	2395'	Anhydrite - Salt Evaporite Section				
3215	5900	2685'	Sand / Shale				

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

C/SF
Oper.

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO. 30 015 27399
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LH2460
7. Lease Name or Unit Agreement Name POGO 36 STATE
8. Well No. 2
9. Pool name or Wildcat North Brushy Draw Delaware

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator SOUTHWEST ROYALTIES, INC.	
3. Address of Operator P.O. BOX 11390; MIDLAND, TX 79702	
4. Well Location Unit Letter M : 330 Feet From The South Line and 330 Feet From The West Line Section 36 Township 25S Range 29E NMPM Eddy County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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.

11-12-96 - PLUG #1 - SET 5-1/2" CIBP @ 3212' & CAP W/ 35' CMT.
11-13-96 - PLUG #2 - SPOT 50 SXS CMT FROM 2350'-2000'; WOC & TAG.
11-13-96 - PLUG #3 - SPOT 40 SXS CMT FROM 667'-567'; WOC & TAG.
11-13-96 - PLUG #4 - SPOT 15 SXS CMT FROM 50'-SURFACE.

INSTALL DRY HOLE MARKER; P&A COMPLETE 11-13-96.

5-1/2" CSG CUT & PULLED FROM 2066'.
HOLE DISPLACED W/ MLF BETWEEN PLUGS 9.5 PPG BRINE W/ 25 PPB SALT GEL.

DEC 18 '96

Office

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

SIGNATURE Jimmy Bagley TITLE P&A SUPERVISOR -Sierra WS DATE 12-16-96
TYPE OR PRINT NAME JIMMY BAGLEY Beverly Hatfield REGULATORY COORDINATOR TELEPHONE NO. (915)563-0430

(This space for State Use)

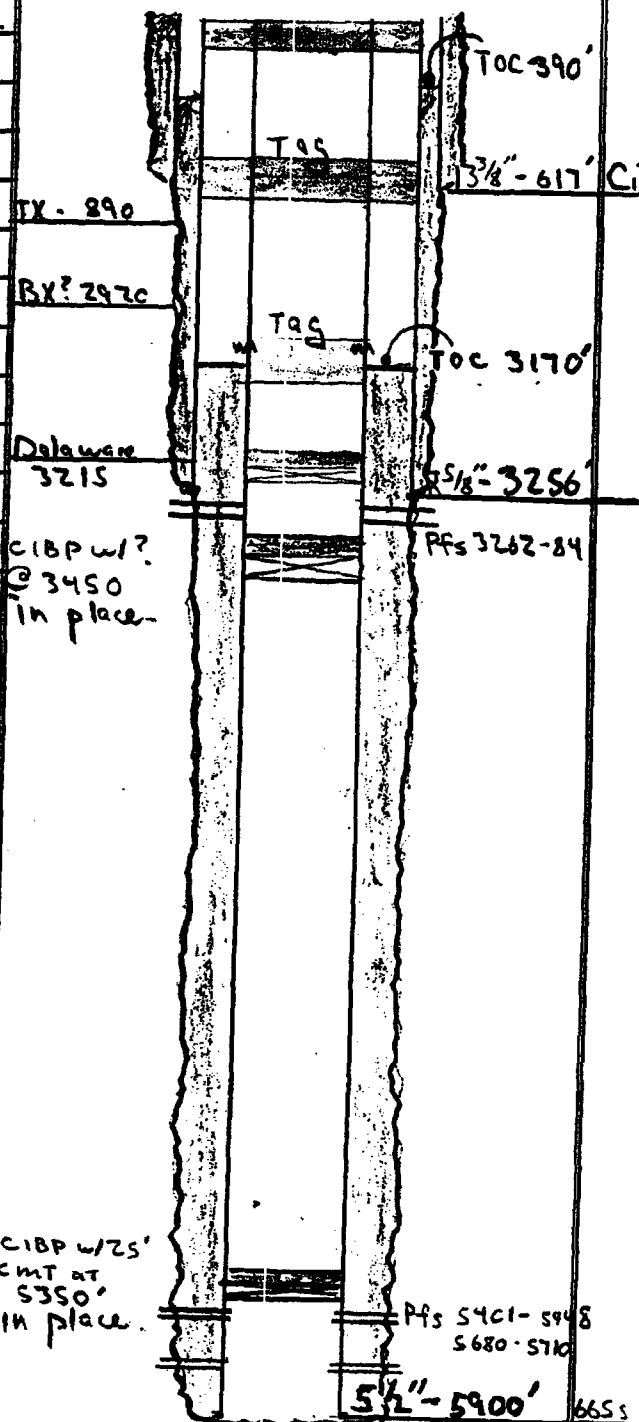
APPROVED BY Michael S. Hatfield TITLE Field Rep. I DATE 1-16-97
CONDITIONS OF APPROVAL, IF ANY:

COMPANY South West Royalties		PROPERTY NAME Pogo 36 State	WELL NO. 2
DATE 7-17-96	LOCATION ULSTR M 36-25-29	FOOTAGE 3305/W	
API NO. 27399	POOL		

1. Set CIBP @ 3212' & cap w/ 35' of cement.
2. Circ. 9.0 ppq. galloed mud from 3170' to surface.
3. Cut 5 1/2" @ 3150 ± TOC by CBL @ 3170'.
Pull 5 1/2" casing.
4. Spot 60 SXS. across stub. Tag.
5. Spot 50 SXS. 667-567'. Tag.
6. Spot 25 SXS. From 50' to surface.
7. Evert PXA Monitor & clean location
to OCD guidelines.

Notify OCD to witness tags.

CASING RECORD:



4-17-96

BSA

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	OIL
County	:	EDDY	Drill Total Depth	:	5900
Field	:	BRUSHY DRAW NORTH	Log Total Depth	:	
Operator Name	:	SOUTHWEST ROYALTIES	True Vertical Depth	:	
Lease Name	:	POGO '36' STATE			
Well Number	:	2	Spud Date	:	AUG 24, 1993
API Number	:	30015273990000	Comp Date	:	SEP 21, 1993
Regulatory API	:				
Init Lahee Class	:	D	Hole Direction	:	VERTICAL
Final Lahee Class	:	DO	Reference Elevation	:	3043 KB
Permit Number	:		Ground Elevation	:	3035
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	3043
Formation at TD	:	453DLWR			
Oldest Age Pen	:	453			
Producing Formation	:	453DLWR			
Township	:	25 S	Section	:	36 SEC
Range	:	29 E	Spot	:	SW SW
Base Meridian	:	NEW MEXICO			

Additional Location Information					
Footage Location	:	330 FSL 330 FWL CONGRESS SECTION			
Latitude	:	32.0798400	Latitude (Bot)	:	
Longitude	:	-103.9446100	Longitude (Bot)	:	
Lat./Long. Source	:	TS			
Location Narrative	:	Type	Remark		
		LOCATION	12 MI SE MALAGA, NM		

Initial Potential Tests												
Test	Top Form	Base Form	Top Depth	Base Depth	Choke	GOR	Oil Grav	Prod Method	Test Method			
001	453DLWR	453DLWR	5680	5710		66	36	PERF	PUMPING			
IP Volume												
Test	Amount	Oil Unit	Desc	Amount	Cond Unit	Desc	Amount	Gas Unit	Desc	Amount	Wtr Unit	Desc
001	30	BPD					2	MCFD		154	BBL	
IP Pressure												
Test	FTP	SITP	FCP	SICP								
001												
IP Treatment												
Test	Top	Base	Volume	Meas	Amount	T/P	PSI	Inj	Type	Nbr	Agent	Add
001	5680	5710	3000	GAL					ACID			
001	5680	5710	22500	GAL	70000	LB			FRAC		SAND	GELA
IP Perforation												
Test	Top	Base	Type	Method	Top Form	Base Form	Status	Count	Density	Per		
001	5680	5710		PERF	453DLWR	453DLWR	A	61				

Log Data					
Run No	Log Type	Top	Base	Log MD	Max Temp
01	DNC				
01	GR				
01	NEC				
01	LLD				
01	ML				

PI/Dwights PLUS on CD Well Summary Report

01 CB
01 CCL

Casing Data

Size	Base Depth	Cement	Unit
13 3/8 IN	617	600	SACK
8 5/8 IN	3256	1350	SACK
5 1/2 IN	5900	665	SACK

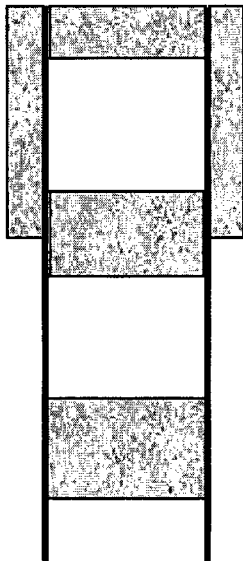
Dwights Energydata Narrative

Accumulated through 1997

IP: (Delaware 5680-5710) P 30 BOPD grav 36; 2 MCFGPD; 154 B'WPD
Perfs: 5680-5710 (Delaware)
Perfs: w/61 holes total - acid w/3000 gal 7 1/2% NEFe - frac w/22,500 gal gel
Perfs: 70,000# sd
Cores: None
Dwights number: T4534000

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: State #1			FIELD:unknown			
LOCATION: Section 2, T26S, R29E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3049'			SPUD DATE: 6/14/60		COMP DATE: 6/21/60	
API#: 30-015-03724		PREPARED BY: Karen Cottom			7/18/2003	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 768'	7 7/8"	26-40	J55	ST&C	11"
CASING:	0' - 1,424'	8 5/8"	32	J-55	LT&C	12 1/4"
CASING:						
TUBING:						



0"
150'

☒ CURRENT ☐ PROPOSED

20 sx plug @ 0' - 150'

625'

7 7/8" Casing @ 768', Cemented w/300 sxs. Cement to surface.

775'

20 sx plug @ 625' - 775'

3050'

20 sx plug @ 3050' - 3200'

3200;

TD @ 3359'

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

JUN 23 1960

(Submit to appropriate District Office as per Commission Rule 1106)

O. O. O.

Name of Company Tom Brown Drilling Company		Address 820 Midland Savings & Loan Bldg. Midland, Texas				
Lease State	Well No. 1	Unit Letter A	Section 2	Township 26-S	Range 29-E	
Date Work Performed 6-16-60	Pool Lease	County Eddy				

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Run 768' of 7-5/8" 26-40 lb., J-55 Seamless casing (New) at TD of 768'. Cemented with 300 sacks, circulated back to surface. Casing shut off, tested with 1000# pump pressure for 1 hour. Shut off, tested OK.

* Verbal permission granted to Tom Brown Drilling Company by phone conservation with the Artesia office Friday, June 10, 1960.

Witnessed by Glen Upton	Position Tool Pusher	Company Tom Brown Drilling Company
-----------------------------------	--------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by <i>M. L. Armstrong</i>	Name <i>Thomas C. Brown</i>
Title OIL AND GAS INSPECTOR	Position Operator
Date JUN 23 1960	Company Tom Brown Drilling Company

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Tom Brown Drilling Company				Address Midland Savings & Loan Building			
Lease	State	Well No. 1	Unit Letter A	Section 2	Township 26-S	Range 29-E	
Date Work Performed		Pool <i>W. H. H. H.</i>			County		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☒ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

20 sack plug - 3,200 - 3,050
 20 sack plug - 775 - 625
 20 sack plug - 150 - 0

Plugs were pumped down with 10.5 weight jell mud.

RECEIVED
 JUL 1 1960
 D. C. C.
 ARTESIA, OFFICE

Witnessed by Glen Upton	Position Toolpusher	Company Tom Brown Drilling Company
-----------------------------------	-------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

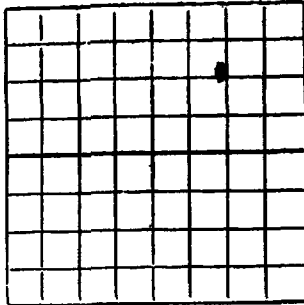
ORIGINAL WELL DATA

D F Elev. 3,049	T D 3359	P B T D	Producing Interval Dry Hole	Completion Date 6-20-60
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge. <i>Thomas C. Brown</i>	
Approved by <i>W. A. Gressett</i>		Name Operator	
Title OIL AND GAS INSPECTOR		Position Tom Brown Drilling Company	
Date SEP 12 1960		Company	



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

30-015-03724

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Tom Brown Drilling Company State _____
(Company or Operator) (Lease)

Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 2, T. 26-N, R. 29-E, NMPM.
W. West Pool, _____ County.

Well is 660' feet from North line and 660 feet from East line
of Section _____. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 6-14-60, 1960 Drilling was Completed 6-20-, 19 60

Name of Drilling Contractor Tom Brown Drilling Company

Address 820 Midland Savings & Loan Building - Midland, Texas

Elevation above sea level at Top of Tubing Head 3041 GL The information given is to be kept confidential until _____, 19____.

OIL SANDS OR BONES

No. 1, from 3230 to 3349 No. 4, from _____ to _____

No. 2, from _____ to _____ 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.

RECEIVED
JUL 1 1960
D. C. C.
ANTEREA OFFICE

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BROS	CUT AND FILLED FROM	PERFORATIONS	PURPOSE
7-5/8	26 #	None	786	Rankin			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11 "	7-5/8	786	250	Pump & Plug	9.6	50 sacks

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

None

Result of Production Stimulation _____

Depth Cleaned Out _____

JUN 9 1960

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

Midland, Texas

June 6, 1960

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

30-015-03724

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

TOM BROWN DRILLING COMPANY

(Company or Operator)

State

Well No. One

"A"

The well is

(Lease)

(Unit)

located 660 feet from the North line and 660 feet from the

East

line of Section Two

T. 26 S.

R. 29 E.

NMPM.

(GIVE LOCATION FROM SECTION LINE)

Wildcat

Pool,

Eddy

County

If State Land the Oil and Gas Lease is No. E-6283

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows:

Rotary

The status of plugging bond is blanket bond - Tom Brown Drilling Co.

Drilling Contractor Tom Brown Drilling Company

We intend to complete this well in the Delaware Sand

formation at an approximate depth of 3400 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
11"	8 5/8"	24#	Sec. Hand	250	125 (will circulate)
6 3/4"	4 1/2" OD	9.5#	New	3400 (TD)	150

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

JUN 9 1960

Approved _____, 19____
Except as follows:

OIL CONSERVATION COMMISSION

By M. L. Armstrong
OIL AND GAS INSPECTOR

Sincerely yours,

TOM BROWN DRILLING COMPANY

(Company or Operator)

By

Position

Send Communications regarding well to

Name

F. W. Holbrook

Address

504 First Nat'l Bk Bldg.,
Midland, Texas

PI/Dwights PLUS on CD Well Summary Report

General Information					
State	:	NEW MEXICO	Final Status	:	D&A
County	:	EDDY	Drill Total Depth	:	3348
Field	:		Log Total Depth	:	
Operator Name	:	BROWN TOM INC	True Vertical Depth	:	
Lease Name	:	STATE			
Well Number	:	1	Spud Date	:	JUN 14, 1960
API Number	:	30015037240000	Comp Date	:	JUN 21, 1960
Regulatory API	:				
Init Lahee Class	:	WF	Hole Direction	:	VERTICAL
Final Lahee Class	:	WF	Reference Elevation	:	
Permit Number	:		Ground Elevation	:	3041
Geologic Province	:	PERMIAN BASIN	KB Elevation	:	
Formation at TD	:	000UNKWN	UNKNOWN		
Oldest Age Pen	:	453	PERMIAN GUADALUPIAN		
Township	:	26 S	Section	:	2 SEC
Range	:	29 E	Spot	:	
Base Meridian	:	NEW MEXICO			

Additional Location Information					
Footage Location	:	660 FNL 660 FEL CONGRESS SECTION			
Latitude	:	32.0771200	Latitude (Bot)	:	
Longitude	:	-103.9477100	Longitude (Bot)	:	
Lat./Long. Source	:	TS			

Formations		Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology
Form Code	Form Name						
453DLLM	BLACK LIME /DELAWARE LM/	3204				LOG	
453DLWR	DELAWARE	3236				LOG	
454SALT	SALT			3007		LOG	

Core Data					
Formation	Top Depth	Base Depth	Recovered	Type	Show
	3248	3298	50 FT	CONV	
	3298	3348	50 FT	CONV	

Log Data					
Run No	Log Type	Top	Base	Log MD	Max Temp
01	AV				
401	SPL				

Casing Data			
Size	Base Depth	Cement	Unit
8 5/8 IN	775	300	SACK

PI/Dwights PLUS on CD Well Summary Report**General Information**

State : NEW MEXICO
 County : EDDY
 Field : WILDCAT
 Operator Name : DEVON ENERGY PROD
 Lease Name : TESUQUE 2 STATE
 Well Number : 1
 API Number : 30015327990000
 Regulatory API :
 Init Lahee Class : WO
 Final Lahee Class :
 Permit Number :
 Geologic Province : PERMIAN BASIN
 Formation at TD :
 Oldest Age Pen :
 Township : 26 S
 Range : 29 E
 Base Meridian : NEW MEXICO

Final Status :
 Drill Total Depth :
 Log Total Depth :
 True Vertical Depth :
 Spud Date : MAY 30, 2003
 Comp Date :
 Hole Direction : VERTICAL
 Reference Elevation :
 Ground Elevation :
 KB Elevation :
 Section : 2 SEC
 Spot : C NE NW

Additional Location Information

Footage Location : 660 FNL 1980 FWL CONGRESS SECTION

Latitude : 32.0770500

Longitude : -103.9565800

Lat./Long. Source : TS

Location Narrative : Type

SCALED FOOT

IRREG_SECT

DST_TOWN

DST_PRODUCER

Latitude (Bot) :

Longitude (Bot) :

Remark

REGULATORY

N

17 MI SE LOVING, NM

2204 FT SW SOUTHWEST ROYALTIES #8 NORTH
BRUSHY DRAW A35, TD 5741, OIL WELL, BRUSHY
DRAW NORTH FLD (DELAWARE)



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

July 23, 2003

Southwest Royalties, Inc.
P. O. Box 11390
Midland, TX 79702

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Devon Energy Production Company, LP's Catclaw 2 State #1 located in Unit A, Sec 2 T26S R29E of Eddy County, New Mexico.

Should you have any questions, please feel free to contact me at (405)228-4301.

Sincerely,

A handwritten signature in cursive script that reads "James Blount".

James Blount
Operations Engineering Advisor

JB/kc

Enclosure



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

July 18, 2003

VIA FAX – (505)885-1066

Carlsbad Current Argus
620 S. Main
Carlsbad, NM 88220-6243

Gentlemen:

Devon Energy Production Company, LP desires to place a public notice in your newspaper for one day. This notice is enclosed. Please place this notice in your paper on Sunday, July 20, 2003 and forward a copy of it with your billing as soon as possible to:

Devon Energy Production Company, LP
20 North Broadway, Ste 1500
Oklahoma City, OK 73102
Attn: Jim Blount

Please give me a call when you receive this fax. If you have any questions, please contact me at 405-228-4301. Thanks you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script that reads "James Blount".

James Blount
Operations Engineering Advisor

JB/kc

Enclosure

Attachment F

Legal Notice

Devon Energy Production Company, LP, 20 North Broadway, Ste 1500, Oklahoma City, OK 73102 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well the Catclaw 2 State #1 located 710' FNL & 500 FEL of Unit A, Section 2, Township 26 South, Range 29 East of Eddy County, New Mexico, will be used for saltwater disposal. Disposal waters from the Delaware Sand will be re-injected into the Delaware Sand at a depth of 3207' – 4300' with a maximum pressure of 1000 psi and a maximum rate of 2,000 BWPD.

All interested parties opposing the aforementioned must file objections or requests for a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505-5472, within 15 days. Additional information can be obtained by contacting Jim Blount at (405)228-4301.



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

September 9, 2003

New Mexico State Land Office
P O Box 1148
Santa Fe, NM 87504-1148

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Devon Energy Production Company, LP's Catclaw 2 State #1 located in Unit A, Sec 2 T26S R29E of Eddy County, New Mexico.

Should you have any questions, please feel free to contact me at (405)228-4301.

Sincerely,

James Blount
Operations Engineering Advisor

JB/kc

Enclosure

7002 2030 0001 3840 7056	U.S. Postal Service™	
	CERTIFIED MAIL™ RECEIPT	
	<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
	For delivery information visit our website at www.usps.com	
	OFFICIAL USE	
	Postage	\$
Certified Fee		Postmark Here
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	
Sent To NEW MEXICO STATE LAND OFFICE		
Street, Apt. No., or PO Box No. P O BOX 1148		
City, State, ZIP+4 SANTA FE, NM 87504-1148		
PS Form 3800, June 2002 See Reverse for Instructions		

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Dawn Higgins,
being first duly sworn, on oath says:

That she is Business Manager
of the Carlsbad Current-Argus, a newspaper published
daily at the City of Carlsbad, in said county of Eddy,
state of New Mexico and of general paid circulation in
said county; that the same is a duly qualified
newspaper under the laws of the State wherein legal
notices and advertisements may be published; that the
printed notice attached hereto was published in the
regular and entire edition of said newspaper and not in
supplement thereof on the date as follows, to wit:

July 22, 2003
_____, 2003
_____, 2003
_____, 2003
_____, 2003
_____, 2003

That the cost of publication is \$ 39.79
and that payment thereof has been made and will be
assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

22 day of July, 2003
Stephanie Dobson

My commission expires 12/13/05
Notary Public

July 22, 2003

Attachment F

Legal Notice

Devon Energy Production
Company, LP, 20 North
Broadway, Ste 1500, Ok-
lahoma City, OK 73102
has filed form C-108
(Application for Authoriza-
tion to Inject) with the
New Mexico Oil Con-
servation Division seek-
ing administrative approv-
al for an injection well.
The proposed well the
Catclaw 2 State #1 locat-
ed 710' FNL & 500' FEL of
Unit A, Section 2, Town-
ship 26 South, Range 29
East of Eddy County,

New Mexico, will be used
for saltwater disposal.
Disposal waters from the
Delaware Sand will be
re-injected into the Dela-
ware Sand at a depth of
'3207'-4300' with a maxi-
mum pressure of 1000 psi
and a maximum rate of
2,000 BWPD.

All interested parties
opposing the aforemen-
tioned must file objections
or requests for a hearing
with the Oil Conservation
Division, 1220 South
Saint Francis Drive, San-
ta Fe, New Mexico
87505-5472, within 15
days. Additional informa-
tion can be obtained by
contacting Jim Blount at
(405) 228-4301.

