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
2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-045-26862 (29902)

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER CLASS 1 INJECTION

b. Type of Completion: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name
SWD WELL (CLASS 1) Disposal

2. Name of Operator
GIANT REFINING COMPANY (Bloomfield Refining)

8. Well No. #1

3. Address of Operator
P.O. BOX 159 BLOOMFIELD, NM 87413

9. Pool name or Wildcat

4. Well Location
Unit Letter I : 2442 Feet From The SOUTH Line and 1250 Feet From The EAST Line

Section 27 Township 29 N Range 11 W NMPM County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
12-17-93	12-23-93	1-22-94	KB 5545', DF 5544, GL 5530	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
3601'		N/A		X	

19. Producing Interval(s), of this completion - Top, Bottom, Name
DISPOSAL - MESA VERDE

20. Was Directional Survey Made
NO

21. Type Electric and Other Logs Run
ELECTRIC INDUCTION; BOND LOG

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
8 5/8"	24#	856'	12 1/4		
5 1/2"	15.5#	3601'	7 7/8"		

RECEIVED
AUG 28 1996
OIL CON. DIV.
DIST. 3

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8" 6.5#	3584.10	3221 KB

26. Perforation record (interval, size, and number)
3276' - 3514' 316 HOLES
.45 X 4 PER FOOT

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3452 - 3514'	1500 GAL 15% HCl
3276 - 3324'	1500 GAL 15% HCl

PRODUCTION

28.

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
N/A		

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.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments
DRILLING REPORT BY PAUL THOMPSON; WESTERN TREATMENT REPORT

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 Lynn Shelton Printed Name LYNN SHELTON Title ENV. MGR. Date 8/27/96

1-18-96 to 1-22-96

BJ Services Company —Treatment Report

Date 01/17/96 District FARMINGTON F. Receipt _____ Operator GIANT REFINERY
Lease WD #1 Well No. _____ Field BASIN Location SEC 26 T29N R11W
County SAN JUAN State NM Stage Number _____ This Zone ☐ This Well ☐

WELL DATA OG☐ NG☐ NO☐ OO☐ WD☐ IW☐ Misc.☐ Depth TD/PBTD 3650 Formation MESA VERDE
Tubing Size 2 7/8 WT. _____ Set at: 3224 Type Packer _____ Set At 3224
Casing Size 5 1/2 WT. 15.5 Set From SURFACE To TD Liner Size _____ Wt. _____
Liner Set From _____ To _____ Open Hole: Size _____ From _____ To _____ Casing Perforations: Size _____
Holes Per Foot 4 Intervals 3276-3514
Previous Treatment 5000 GAL 15% Prior Production NONE

TREATMENT DATA Pad Used: Yes☐ No☒ Pad Type _____
Treating Fluid Type: Foam☐ Water☐ Acid☐ Oil☐ Treat. Fluid Vol. 1500 Gal.
Base Fluid Type 15% HCL WITH ADDS Base Fluid Vol. 1500 Gal.
Foam Qual.: _____% Mitchell☐ Slurry☐ Surface☐ Downhole☐ Total Prop Qty. _____ Lbs.
Prop Type: Sand☐ WP-1☐ WP-3☐ Baux.☐ Other _____
Prop Mesh Sizes, Types and Quantities _____
Hole Loaded With H20 Treat Via: Tubing☒ Casing☐ Anul.☐ Tubing & Anul.☐
Ball Sealers: _____ In _____ Stages of _____
Types and Number of Pumps Used 1 ACID MASTER
Auxiliary Materials 1500 GAL 15% HCL WITH ADDS

LIQUID/GAS PUMPED AND CAPACITIES IN BBLS.

Tubing Cap.	12.5
Casing Cap.	7.0
Annular Cap.	
Open Hole Cap.	
Fluid to Load	
Pad Volume	
Treating Fluid	36
Flush	12
Overflush	23
Fluid to Recover	7
Total N^2	
Total CO_2	

PROCEDURE SUMMARY PUMP 1500 GAL 15% HCL, 1470 GAL H20 FLUSH

Time AM/PM	Treating Pressure-Psi STP	Treating Pressure-Psi Annulus	Surface Slurry BBLS. Pumped Stage	Surface Slurry BBLS. Pumped Total	Slurry Rate BPM	Surface CO_2 BBLS. Pumped Stage	Surface CO_2 BBLS. Pumped Total	CO_2 Rate BPM	Surface N^2 MSCF Pumped Stage	Surface N^2 MSCF Pumped Total	N^2 Rate SCFM	Comments
9:54	0-2000											PT LINES
9:58	400				4.2							START HCL
10:09	900		36	36	4.2-3.0							START H20 FLUSH
10:19	400		35	71								SHUTDOWN

Treating Pressure: Min. 400 Max. 900 Avg. 750 Customer Representative BILLIE FERRELL
Inj. Rate on Treating Fluid 3.0-4.2 Rate on Flush 4.2 Western Representative R. MARTINEZ
Avg. Inj. Rate 3.5 I.S.D.P. 400 Flush Dens. lb./gal. *.34 Distribution _____
Final Shut-in Pressure _____ in _____ Minutes _____
Operator's Maximum Pressure 1000

Job Number _____ Recommendation ID # _____

BJ Services Company —Treatment Report

Date 01/20/96 District FARMINGTON F. Receipt L396242 Operator GIANT EXPLORATION
Lease WD #1 Well No. _____ Field MESA VERDE Location SEC 28 T29N R11W
County SAN JUAN State NM Stage Number 1 This Zone X This Well X

WELL DATA OG☐ NG☐ NO☐ OO☐ WD☒ IW☐ Misc.☐ Depth TD PB _____ Formation CLIFFHOUSE-MENEFEE
Tubing Size 2 3/8 WT. 4.7 Set at: 3425 Type Packer S RIT Set At: VARIOUS
Casing Size 5 1/2 WT. 17 Set From SURFACE To TD Liner Size _____ Wt. _____
Liner Set From _____ To _____ Open Hole: Size _____ From _____ To _____ Casing Perforations: Size .38
Holes Per Foot 4 Intervals 3452-3324
Previous Treatment _____ Prior Production _____

TREATMENT DATA Pad Used: Yes☒ No☐ Pad Type KCL H20
Treating Fluid Type: Foam☐ Water☐ Acid☒ Oil☐ Treat. Fluid Vol. 5000 Gal.
Base Fluid Type 15% HCL Base Fluid Vol. 10,105 Gal.
Foam Qual.: _____% Mitchell☐ Slurry☐ Surface☐ Downhole☐ Total Prop Qty. _____ Lbs.
Prop Type: Sand☐ WP-1☐ WP-3☐ Baux.☐ Other _____
Prop Mesh Sizes, Types and Quantities _____
Hole Loaded With KCL H20 Treat Via: Tubing☒ Casing☐ Anul.☐ Tubing & Anul.☐
Ball Sealers: _____ In _____ Stages of _____
Types and Number of Pumps Used 1 ACID MASTER
Auxiliary Materials 5000 GAL 15% HCL, 10 GAL I-22, 25 GAL FERROTROL 300L
PUMPED AS TREATED BELOW

PROCEDURE SUMMARY _____

LIQUID/GAS PUMPED AND CAPACITIES IN BBLS.

Tubing Cap.	13.3
Casing Cap.	
Annular Cap.	
Open Hole Cap.	
Fluid to Load	
Pad Volume	
Treating Fluid	119
Flush	84.5
Overflush	
Fluid to Recover	240.6
Total N^2	
Total CO_2	

Time AM/PM	Treating Pressure-Psi STP	Treating Pressure-Psi Annulus	Surface Slurry BBLS. Pumped Stage	Surface Slurry BBLS. Pumped Total	Slurry Rate BPM	Surface CO_2 BBLS. Pumped Stage	Surface CO_2 BBLS. Pumped Total	CO_2 Rate BPM	Surface N^2 MSCF Pumped Stage	Surface N^2 MSCF Pumped Total	N^2 Rate SCFM	Comments
1:05	0-250				0-2.6							LOAD HOLE
1:15	0-750		15	15	0-2.75							BRK 1ST SETT H20
1:23	750		5.0	20	0-2.7							START ACID 1ST SETT
1:37	775		36.0	56.0	2.6							START FLUSH 1ST SETT
1:42	100		13.8	69.8	2.6-0							SHU TDOWN
2:07	0-800		15.0	84.8	0-2.6							PUMP ACID AWAY
2:28	1500											TEST BRIDGE PLUG
2:42	0-250			84.8	0-2.6							H20 AHEAD
2:44	800		5.0	89.8	2.6							START ACID 2ND SETT
3:03	800		48.0	137.8	2.6							START FLUSH 2ND SETT
3:07	200		13.0	150.8	2.6-0							SHUTDOWN
3:30	900		1	165.8	0-2.6							PUMP ACID AWAY
3:51	0-1500		15.0	165.8								TEST BP
4:37	1000		6.9	172.7								TEST BS
4:43	0-800			172.7	0-2.6							H20 AHEAD
4:45	800		4.2	176.9	2.6							START ACID 3RD SETT
4:57	900		36.0	212.9	2.6							START FLUSH 3RD SETT
5:16	800		12.7	225.6	2.4							PUMP ACID AWAY
5:23	800-200		15.0	240.6	2.4-0							

Treating Pressure: Min. _____ Max. 1500 Avg. 800 Customer Representative P. THOMPSON
Inj. Rate on Treating Fluid 2.6 Rate on Flush 2.6 Western Representative T.M. CRABB
Avg. Inj. Rate 2.6 I.S.D.P. 200 Flush Dens. lb./gal. 8.34 Distribution _____
Final Shut-in Pressure _____ in _____ Minutes _____
Operator's Maximum Pressure 1000 PSI

Job Number 149833 Recommendation ID # _____

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery
Date: Jan. 18, 1996
Field: Blanco Mesa Verde
Contractor: Drake Rig #22

Well Name: SWD #1
Report No.: 1
Location: SE 27 29N 11W
Supervisor: Paul Thompson

Work Summary:

Order out $CaCO_3$ mud to kill well. Wait on mud. Mix gel and $CaCO_3$ in 80 bbls of produced water. Not enough $CaCO_3$ to raise weight above 8.7 ppg. Left well flowing to pond overnight. Will mix additional mud 1/19/96.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	1,060	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	0	Sucker Rods:	0
Packers, BPs,:	0	Tanks:	0
Drilling Fluids:	0	Separators,Dehys:	0
Water:	0	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT,ect.:	0
Trucking:	0	Electrical Equip.:	0
Drill Collars:	0	Misc.:	0
		Total Daily Cost:	1,425
		Cumulative Cost:	

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery
Date: Jan. 19, 1996
Field: Blanco Mesa Verde
Contractor: Drake Rig #22

Well Name: SWD #1
Report No.: 2
Location: SE 27 29N 11W
Supervisor: Paul Thompson

Work Summary:

Well flowing to pond overnight. Shut in well and pressure built to 320# in 45 min. Wait on mud. Pumped 20 bbls of 10.0 ppg $MgCl_2$ down tubing. Tubing died. Nipple down wellhead and remove tubing donut. Nipple up BOP. Released packer and well started to flow up the tubing. Pumped 30 bbls of $MgCl_2$ down tubing but tubing did not die. Very little flow from the casing. Worked pipe up and down to try and relax packer rubbers. Pumped another 30 bbls of $MgCl_2$ down tubing but tubing did not die. Flowed tubing back to rig pit until it started making produced water. Installed stripper rubber and pulled two stands of 2-7/8" tubing. Well was flowing water 4' above the tubing. Shut in tubing and wait on mud. Mixed 30 bbls. of 12.0 ppg barite based mud. Killed tubing and TOH with a total of 97 jts. of 2-7/8" cement lined injection tubing. Well unloaded during last 5 stands. Change rams. Picked up 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" workstring. TIH with 21 joints and shut down for dark. Left well flowing to pond through annulus.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	2,056	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	0	Sucker Rods:	0
Packers, BPs,:	613	Tanks:	0
Drilling Fluids:	2,566	Separators,Dehys:	0
Water:	170	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT,ect.:	0
Trucking:	0	Electrical Equip.:	0
Drill Collars:	0	Misc.:	0
		Total Daily Cost:	5,770
		Cumulative Cost:	

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery
Well Name: SWD #1
Date: Jan. 20, 1996
Report No.: 3
Field: Blanco Mesa Verde
Location: SE 27 29N 11W
Contractor: Drake Rig #22
Supervisor: Paul Thompson

Work Summary:

Well flowing to pond overnight. Finish TIH with bit and scraper. Found PBTD at 3525'KB. Bottom perf at 3514'. TOH and lay down bit and scraper. Pick up Mt. States RBP and packer on 2-3/8" workstring. Set RBP at 3520' and packer at 3425'. Establish rate into perfs from 3452' - 3514' with 2% KCl water. Acidize perfs with 1500 gal. of 15% HCl. Average injection rate = 2.6 BPM; Average treating pressure = 750#; maximum injection rate = 2.6 BPM; maximun treating pressure = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 13.8 bbls of 2% KCl water and let acid soak for 20 min. Final pressure = 200#. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3433'KB and pressure tested to 1500# - held OK. Set packer at 3330'KB. Establish rate into perfs from 3346' - 3416' with 2% KCl water. Acidize perfs with 2000 gal. of 15% HCl. AIR = 2.55 BPM; ATP = 800#; MIR = 2.6 BPM; MTP = 800#. ISIP = 150#. No pressure breaks during the treatment. Displaced acid below packer with 13.0 bbls of 2% KCl water and let acid soak for 20 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3338'KB. RBP did not pressure test. Moved and reset RBP twice but it still did not test. Left RBP at 3343'KB. Set packer at 3236'KB. Pressure tested annulus to 1000# - held OK. Establish rate into perfs from 3276' - 3324' with 2% KCl water. Acidize perfs with 1500 gal. of 15% HCl. AIR = 2.5 BPM; ATP = 800#; MIR = 2.5 BPM; MTP = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 12.6 bbls of 2% KCl water and let acid soak for 15 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP and started TOH. Shut down for the night. Left well flowing to the pond.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	2,056	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	0	Sucker Rods:	0
Packers, BPs,:	1,665	Tanks:	0
Drilling Fluids:	0	Separators,Dehys:	0
Acid:	5,646	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT,ect.:	0
Trucking:	0	Electrical Equip.:	0
		Total Daily Cost:	**9,732**

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: **Giant Bloomfield Refinery** Well Name: **SWD #1**
Date: Jan. 21, 1996 Report No.: 4
Field: Blanco Mesa Verde Location: SE 27 29N 11W
Contractor: Drake Rig #22 Supervisor: Paul Thompson

Work Summary:

Finish TOH with packer and RBP. Lay down 2-3/8" workstring. Pick up Mt. States Arrowset I 5-1/2" packer on 97 jts (3202.92') of 2-7/8", 6.5#, J-55, EUE cement lined tubing and set packer at 3221'KB. Pumped 20 gal of packer fluid into annulus prior to setting packer. Set donut in wellhead. Pressure tested annulus but donut was leaking. Removed donut and will redress packing elements. Left well shut in overnight.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	1,660	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	350	Sucker Rods:	0
Packers, BPs,:	1,004	Tanks:	0
Packer Fluids:	225	Separators,Dehys:	0
Water:	0	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT,ect.:	0
Trucking:	0	Electrical Equip.:	0
Drill Collars:	0	Misc.:	0
		Total Daily Cost:	**3,604**
		Cumulative Cost:	

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: **Giant Bloomfield Refinery** Well Name: **SWD #1**
Date: Jan. 22, 1996 Report No.: 5
Field: Blanco Mesa Verde Location: SE 27 29N 11W
Contractor: Drake Rig #22 Supervisor: Paul Thompson

Work Summary:
Installed redressed donut. Pressure tested annulus to 1000#. Held OK. Nipple up wellhead. Tefteller retrieved tubing choke on wireline. Tubing pressure was 320#. Reconnected well to injection line. Rigged down and released rig. FINAL REPORT.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	758	Wellhead Equip.:	278
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	525	Sucker Rods:	0
Packers, BPs,:	0	Tanks:	0
Packer Fluids:	0	Separators,Dehys:	0
Water:	0	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	81	Meters, LACT,ect.:	0
Trucking:	800	Electrical Equip.:	0
Drill Collars:	0	Misc.:	0
		Total Daily Cost:	**2,442**
		Cumulative Cost:	