

New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

District I - (505) 393-6161
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District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

BURLINGTON RESOURCES APPLICATION FOR
WELL WORKOVER PROJECT

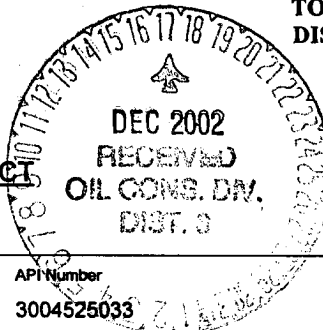
ATTN

PO BOX 4289

Ogrid 014538

FARMINGTON, NM

Well Number
87499-4289



I. Operator and Well

Property Name VASALY		Well Number 87499-4289		API Number 3004525033		
UL D	Section 31	Township 32 N	Range 11 W	Feet From The 950 FNL	Feet From The 980 FWL	County SAN JUAN

II. Workover

Date Workover Commenced 01/10/02	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE BASIN DAKOTA
Date Workover Completed: 01/21/02	

- III. Attach a description of the Workover Procedures performed to increase production.
IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
V. AFFIDAVIT:

State of New Mexico)
County of San Juan) ss.
Peggy Cole, being first duly sworn, upon oath states:
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.
Signature Peggy Cole Title Regulatory Administrator Date 12-16-02
SUBSCRIBED AND SWORN TO before me this 16th day of December 2002
My Commission expires: September 15, 2004 Notary Public Nancy Oltsmanns

FOR OIL CONSERVATION DIVISION USE ONLY:

IV. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed 01-21-2002.

Signature District Supervisor <u>Charles T. [Signature]</u>	OCD District <u>AZTEC III</u>	Date <u>12-18-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BLANCO MESAVERDE	BASIN DAKOTA
1/1/2000		1033
2/1/2000		1343
3/1/2000		1111
4/1/2000		997
5/1/2000		912
6/1/2000		913
7/1/2000		868
8/1/2000		877
9/1/2000		834
10/1/2000		859
11/1/2000		851
12/1/2000		835
1/1/2001		757
2/1/2001		714
3/1/2001		769
4/1/2001		759
5/1/2001		763
6/1/2001		734
7/1/2001		743
8/1/2001		700
9/1/2001		622
10/1/2001		668
11/1/2001		657
12/1/2001 ✓		612
1/1/2002	0	886
2/1/2002	5844	1031
3/1/2002	9936	1753
4/1/2002 ✓	6504	1148

Operations Summary Report

Legal Well Name: VASALY #2E
 Common Well Name: VASALY #2E
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date:
 Start: 1/10/2002 End: 1/21/2002
 Rig Release: 1/21/2002 Group:
 Rig Number: 28

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/11/2002	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	HOLD SAFETY MEETING, TOPIC RIG MOVE, 4 RIG CREW, AIRHAND, TOOLPUSHER, 9 RIG MOVERS.
	07:00 - 14:00	7.00	MIMO	a	MIRU	ROAD RIG FROM FILAN 6 TO VASALY 2E. NOTE WASHED RIG @ CARWASH.
	14:00 - 16:00	2.00	RURD	a	MIRU	RIG UP WORKOVER UNIT.
1/12/2002	16:00 - 16:30	0.50	NUND	a	OBJECT	NIPPLE UP 2" BLOWLINE TO PIT.
	16:30 - 17:00	0.50	SHDN	a	OBJECT	SECURE LOC FOR NITE.
	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	HOLD SAFETY MEETING, TOPIC PINCH POINTS, 3 RIG CREW, RIG SUPV.
1/15/2002	07:00 - 07:30	0.50	BLOW	a	OBJECT	OPS MT, NU, TOH W 2-3/8" TBG, SET CIBP, LOG, CO WH, PT.
	07:30 - 09:00	1.50	NUND	a	OBJECT	SICP 260, SITP 240, BLOW WELL DOWN.
	09:00 - 11:45	2.75	STUK	a	OBJECT	NIPPLE DOWN WELLHEAD, NIPPLE UP BOPE, TEST OPERATION.
	11:45 - 13:45	2.00	TRIP	a	OBJECT	WORK STUCK 2-3/8" TBG FREE.
	13:45 - 14:00	0.25	RURD	a	OBJECT	TRIP OUT OF THE HOLE WITH 251 JTS OF J-55 4.7# 8RD EUE TBG, NO SCALE OR CORRISON.
	14:00 - 14:45	0.75	CASE	a	OBJECT	RIG UP WIRELINE UNIT.
	14:45 - 16:45	2.00	CASE	a	OBJECT	RUN IN THE HOLE WITH 4-1/2" CIBP SET @ 5750', PULL OUT OF THE HOLE WITH SETTING TOOL.
	16:45 - 17:15	0.50	PRES	a	OBJECT	RUN IN THE HOLE WITH CBL LOGGING TOOL, LOG FROM 5750' TO 3185', GOOD CEMENT BOND TO 3200' TOP OF CEMENT, PULL OUT OF THE HOLE WITH LOGGING TOOLS.
	17:15 - 18:30	1.25	NUND	a	OBJECT	PRESSURE TEST CSG FROM 5750' TO SURFACE, TEST TO 3000 PSI, TEST OK.
	18:30 - 19:00	0.50	SHDN	a	OBJECT	NIPPLE DOWN BOPE, CHANGE OUT WELLHEAD TO 5000 PSI, TEST SEAL, NIPPLE UP FRAC VALVE AND FRAC Y.
	05:30 - 06:30	1.00	SRIG	a	PREWRK	SECURE LOC FOR NITE.
	06:30 - 07:00	0.50	RURD	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	07:00 - 08:00	1.00	PERF	a	OBJECT	RIG UP WIRELINE.
	08:00 - 08:45	0.75	RURD	a	OBJECT	RUN IN THE HOLE WITH 3-1/8" SELECT FIRE PERF GUNS SHOOT 35 HOLES IN POINT LOOKOUT: 5713' TO 5525' 2 SPF
	08:45 - 09:00	0.25	SAFE	a	OBJECT	5489' TO 5332', 1SPF, PULL OUT OF THE HOLE WITH PERF GUNS, ALL SHOTS FIRED.
	09:00 - 10:00	1.00	FRAC	a	OBJECT	FINISH RIGGING UP FRAC CREW.
1/15/2002	10:00 - 10:45	0.75	CASE	a	OBJECT	HOLD SAFETY MEETING, TOPIC FRACS PL, MENN, LEWIS, 4 RIG CREW, 3 WIRELINE, 17 FRAC CREW, FRAC CONSL, RIG SUPV.
	10:45 - 11:15	0.50	PRES	a	OBJECT	PRESS TEST LINES TO 4000 PSI.
	11:15 - 11:45	0.50	PERF	a	OBJECT	BREAKDOWN FORMATION 3 BPM 2820 PSI, EST RATE 21 BPM @ 2632 PSI, ISIP 0, BULLHEAD 20 BBLS 15% HCL ACID, FRAC POINT LOOKOUT WITH 100,000# 20/40 BRADY SAND SLICKWATER AT AVG RATE 65 BPM AVG PSI 1247 PSI, FLUSH WITH 163 BBLS 2 % KCL, ISIP 0.
	11:45 - 12:15	0.50	FRAC	a	OBJECT	FRAC LOAD 2312 BBLS.

Operations Summary Report

Legal Well Name: VASALY #2E
 Common Well Name: VASALY #2E
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date:
 Start: 1/10/2002 End: 1/21/2002
 Rig Release: 1/21/2002 Group:
 Rig Number: 28

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/15/2002	11:45 - 12:15	0.50	FRAC	a	OBJECT	966 PSI, ISIP 0, BULLHEAD 20 BBLS 15% HCL ACID, FRAC MENNEFEE WITH 50,000# 20/40 BRADY SAND, SLICKWATER @ AVG RATE 50 BPM, AVG PRESS 1749 PSI, FLUSH WITH 158 BBLS 2% KCL, ISIP 160, 5 MIN 0, TOTAL FRAC LOAD 1034 BBLS.
	12:15 - 12:45	0.50	CASE	a	OBJECT	RUN IN THE HOLE WITH 4-1/2" CIBP SET @ 4460', PULL OUT OF THE HOLE WITH SETTING TOOL.
	12:45 - 13:00	0.25	PRES	a	OBJECT	PRESSURE TEST CIBP AND CSG TO 3000 PSI, TEST OK.
	13:00 - 14:00	1.00	PERF	a	OBJECT	RUN IN THE HOLE WITH 3-1/8" SELECT FIRE PERF GUNS SHOOT 40 HOLES IN LEWIS 4332' TO 3830', 1SPF, PULL OUT OF THE HOLE WITH PERF GUNS, ALL SHOTS FIRED.
	14:00 - 14:15	0.25	STIM	a	OBJECT	BREAKDOWN FORMATION 3 BPM 2620 PSI, ISIP 277, ACIDIZE FORMATION WITH 30 BBLS 15% HCL ACID 80 7/8" BIOBALLS FLUSH WITH 153 BBLS 2% KCL TO MAX PRESS 3000 PSI.
	14:15 - 15:30	1.25	FRAC	a	OBJECT	FRAC LEWIS WITH 200,000# 20/40 BRADY SAND, 75 Q FOAM AND 20# LIN GEL, AVG RATE 50 BPM, AVG PSI 2287, FLUSH WITH 46 BBLS FLUID AND N2, ISIP 1900, 5 1780, 10 MIN 1649, 15 1620, TOTAL LOAD 759 BBLS N2 1,262,200 SCF.
	15:30 - 17:00	1.50	RURD	a	OBJECT	RIG DOWN FRAC CREW.
	17:00 - 19:00	2.00	FLOW	a	OBJECT	1550 PSI, FLOW ON 10/64" CHOKE, RETURNS HEAVY MIST NO SAND.
	19:00 - 21:00	2.00	FLOW	a	OBJECT	1450 PSI, FLOW ON 12/64" CHOKE, RETURNS HEAVY MIST NO SAND.
	21:00 - 23:00	2.00	FLOW	a	OBJECT	1450 PSI, FLOW ON 14/64" CHOKE, RETURNS HEAVY MIST NO SAND.
	23:00 - 01:00	2.00	FLOW	a	OBJECT	1400 PSI, FLOW ON 16/64" CHOKE, RETURNS HEAVY MIST LITE SAND.
	01:00 - 03:00	2.00	FLOW	a	OBJECT	1300 PSI, FLOW ON 20/64" CHOKE, RETURNS HEAVY MIST LITE SAND.
	03:00 - 05:30	2.50	FLOW	a	OBJECT	1100 PSI, FLOW ON 22/64" CHOKE, RETURN HEAVY MIST LITE SAND.
	05:30 - 08:00	2.50	FLOW	a	OBJECT	1050 PSI, FLOW ON 22/64" CHOKE, RETURNS HEAVY MIST MED SAND.
1/16/2002	08:00 - 13:00	5.00	FLOW	a	OBJECT	600 PSI, FLOW ON 24/64" CHOKE, RETURNS HEAVY MIST MED SAND.
	13:00 - 17:00	4.00	FLOW	a	OBJECT	375 PSI, FLOW ON 32/64" CHOKE, RETURNS HEAVY MIST, LITE SAND.
	17:00 - 01:00	8.00	FLOW	a	OBJECT	300 PSI, FLOW ON 48/64" CHOKE, RETURNS HEAVY MIST, NO SAND.
	01:00 - 05:30	4.50	FLOW	a	OBJECT	150 PSI, FLOW ON 2" LINE, RETURNS DRY GAS, NO SAND, DOWN TO 25 PSI.
1/17/2002	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	HOLD SAFETY TOPIC BOPE OPERS, 4 RIG CREW, TOOLPUSHER, AIRHAND, RIG SUPV.
						OPS MT, NDFV, NUBOPE, TIH W MILL, CO, LW, MO CIBP, CO MENN.
	07:00 - 09:00	2.00	NUND	a	OBJECT	KILL WELL WITH 30 BBLS 2% KCL, NIPPLE DOWN FRAC VALVE, NIPPLE UP BOPE, TEST OPERATION, RIG UP 5-1/2" BLOOIE LINE.
	09:00 - 10:30	1.50	TRIP	a	OBJECT	TRIP IN THE HOLE WITH 3-3/4" MILL TO 4415', STAGE IN WITH AIR, 45' FILL TO CIBP @ 4460'.
	10:30 - 11:30	1.00	COUT	a	OBJECT	EST 12 BPH AIRMIST RATE, CLEAN OUT 45' FILL TO 4-1/2" CIBP @ 4460'.
	11:30 - 13:00	1.50	MILL	a	OBJECT	MILL OUT 4-1/2" CIBP @ 4460' WITH 12 BPH AIRMIST RATE,

Operations Summary Report

Legal Well Name: VASALY #2E
 Common Well Name: VASALY #2E
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 1/10/2002
 Rig Release: 1/21/2002
 Rig Number: 28

Spud Date: 1/21/2002
 End: 1/21/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/17/2002	11:30 - 13:00	1.50	MILL	a	OBJECT	INCREASE IN FLOW FROM MENNEFEE, PUMP 3 BBL SWEEPS TO CLEAN WELLBORE.
	13:00 - 13:15	0.25	TRIP	a	OBJECT	TRIP IN THE HOLE WITH 3-3/4" MILL TO 5312' 4-1/2" CIBP, NO FILL.
	13:15 - 15:15	2.00	MILL	a	OBJECT	UNLOAD WELL, RETURNS FRAC FLUID SAND, EST 12 BPH AIRMIST RATE, MILL OUT 4-1/2" CIBP @ 5312', PUMP 3 BBL SWEEP TO CLEAN WELLBORE.
	15:15 - 15:30	0.25	TRIP	a	OBJECT	INCREASE IN FLOW FROM POINT LOOKOUT.
	15:30 - 17:00	1.50	COUT	a	OBJECT	TRIP IN THE HOLE WITH 3-3/4" MILL TO 5500', TAG PLUG. EST 12 BPH AIRMIST RATE, CHASE PLUG TO 5600', WILL FIN CO PL 1/17/02.
1/18/2002	17:00 - 05:30	12.50	BLOW	a	OBJECT	BLOW WELL WITH AIR, RETURNS 5 TO 7 BPH OF WATER, LITE SAND, PUMP 3 BBL SWEEPS EVERY 2 HRS TO CLEAN WELLBORE.
	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	SAFETY MEETING TOPIC RIG MAINTANCE, 4 RIG CREW, TOOLPUSHER, AIRHAND.
	07:00 - 10:30	3.50	COUT	a	OBJECT	EST 12 BPH AIRMIST RATE, CLEAN OUT 100' FILL IN POINT LOOKOUT TO 4-1/2" CIBP @ 5750'.
	10:30 - 11:30	1.00	MILL	a	OBJECT	MILL OUT 4-1/2" CIBP @ 5750' WITH 12 BPH AIRMIST RATE, PUMP 3 BBL SWEEPS TO CLEAN WELLBORE.
1/19/2002	11:30 - 12:00	0.50	TRIP	a	OBJECT	TRIP IN THE HOLE WITH 3-3/4" MILL TO 7680', 50' FILL IN DK.
	12:00 - 15:30	3.50	COUT	a	OBJECT	EST 12 BPH AIRMIST RATE, CLEAN OUT 50' FILL TO PBTD 7730', PUMP 3 BBL SWEEPS TO CLEAN WELLBORE.
	15:30 - 05:30	14.00	BLOW	a	OBJECT	BLOW WELL WITH AIR, RETURNS 4 BPH WATER, 1 CUP SAND, PUMP 3 BBL SWEEPS TO CLEAN WELLBORE.
	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	HOLD SAFETY MT, TOPIC SPILL PREVENTION, 4 RIG CREW, RIG SUPV.
1/19/2002	07:00 - 07:45	0.75	BLOW	a	PREWRK	BLOW WELL, BUCKET TEST, 3 BPH WATER, 1 CUP SAND.
	07:45 - 09:30	1.75	TRIP	a	OBJECT	TRIP OUT OF THE HOLE WITH 3-3/4" MILL.
	09:30 - 10:30	1.00	TRIP	a	OBJECT	TRIP IN THE HOLE WITH 60 STDS OF 2-3/8" TBG.
	10:30 - 11:15	0.75	BRCH	a	OBJECT	BROACH 119 JTS OF TBG, BROACH OK.
	11:15 - 12:30	1.25	TRIP	a	OBJECT	TRIP IN THE HOLE WITH REST OF 2-3/8" TBG, PICKUP 7" RET PACKER, SET @ 20'.
1/20/2002	12:30 - 14:15	1.75	NUND	a	OBJECT	NIPPLE DOWN BOPE, CHANGE OUT WELLHEAD, NIPPLE UP BOPE, TEST OPERATION, RELEASE 7" PACKER, PULL OUT OF THE HOLE.
	14:15 - 14:30	0.25	TRIP	a	OBJECT	TRIP IN THE HOLE WITH 2-3/8" TBG TO 7705', 25' FILL.
	14:30 - 15:00	0.50	BRCH	a	OBJECT	BROACH 249 JTS OF TBG, BROACH OK.
	15:00 - 16:00	1.00	COUT	a	OBJECT	EST 12 BPH AIRMIST RATE, CLEAN OUT 25' FILL, PUMP 5 BBL SWEEP TO CLEAN WELLBORE.
	16:00 - 05:30	13.50	BLOW	a	OBJECT	BLOW AND FLOW WELL, 4 HRS BLOW, 4 HRS FLOW, RETURNS 1 TO 2 BPH WATER, LITE SAND.
1/20/2002	05:30 - 05:30	24.00	BLOW	a	OBJECT	BLOW AND FLOW WELL, 1 HR BLOW, 4 HRS FLOW, RETURNS 1 TO 2 BPH WATER, LITE SAND.
1/21/2002	05:30 - 05:30	24.00	BLOW	a	OBJECT	BLOW AND FLOW WELL, 1 HR BLOW 4 HR FLOW, RETURNS 1 TO 2 BPH WATER, TRACE OF SAND.
1/22/2002	05:30 - 06:30	1.00	SRIG	a	PREWRK	DRIVE TO LOC, START AND WARM UP RIG.
	06:30 - 07:00	0.50	SAFE	a	PREWRK	HOLD SAFETY MEETING, TOPIC RIG MOVE, 4 RIG CREW, TOOLPUSHER, AIRHAND, RIG SUPV.
	07:00 - 08:00	1.00	NUND	a	OBJECT	LAND 250 JTS OF J-55 4.7# 8RD EUE 2-3/8" TBG @ 7651', SEATING NIPPLE @ 7619' DHS 1.78 ID, TBG ASSEM, SAWTOOTH COLL, XCK, TAIL JT, SEATING NIPPLE, 249 JTS TBG, ALL J-55 4.7# 8RD EUE 2-3/8".

Operations Summary Report

Legal Well Name: VASALY #2E
 Common Well Name: VASALY #2E
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date:
 Start: 1/10/2002 End: 1/21/2002
 Rig Release: 1/21/2002 Group:
 Rig Number: 28

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/22/2002	07:00 - 08:00	1.00	NUND	a	OBJECT	NIPPLE DOWN BOPE, NIPPLE UP WELLHEAD.
	08:00 - 09:30	1.50	PUMP	a	OBJECT	PUMP 5 BBL PAD WATER, DROP BALL PUMP OFF XCK @ 1300 PSI,, UNLOAD TBG.
	09:30 - 10:30	1.00	RURD	a	OBJECT	RIG DOWN WORKOVER UNIT, RELEASE TO SEYMOUR 11. TRANSFER 13 JTS OF 2-3/8" TBG TO SEYMOUR 11. PITOT WELL @ 1145 MCF. WELL SUMMARY MOL, RUWOU, BWD, NDWH, NUBOPE, TOH W 2-3/8" TBG, SET 4-1/2" CIBP @ 5750', LOAD HOLE, RUN CBL TOC @ 3200', PT CSG 3000 PSI, PERF PL, FRAC, SET 4-1/2" CIBP @ 5312', PERF MENN, FRAC, SET 4-1/2" CIBP @ 4460', PERF LW, BDBO, FRAC LW, TIH W 3-7/8" MILL, CO, LW, MO 4-1/2" CIBP, CO MENN, MO 4-1/2" CIBP, CO PL, MO 4-1/2" CIBP, CO DK TO PBTD 7730', TOH W MILL, TIH W 2-3/8" TBG, BROACH LAND 250 JTS OF J-55 4.7# 8RD EUE 2-3/8" TBG @ 7651', SN @ 7619', TBG ASSEM, STC, XCK, TAIL JT, SN, 249 JTS TBG, NDBOPE, NUWH, PO XCK, UNLOAD TBG, RDMOL.