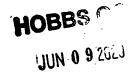
Office Office	State of New			Form C -103
District I – (575) 393-6161	Energy, Minerals and N	latural Resources	LIVERT ABILIO	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283			WELL API NO 30-025-00063).
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION /		5. Indicate Typ	ne of Lease
District III - (505) 334-6178	1220 South St. Francis Dr.		STATE	FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe, NM 87505		6. State Oil &	
1220 S. St. Francis Dr., Santa Fe, NM			VB 0674	
87505 SUNDRY NOT	ICES AND REPORTS ON WEI	0.00	1 .	or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN OR	PLEKTOA		
DIFFERENT RESERVOIR. USE "APPL	CATION FOR PERMIT" (FORM		New Mexico	BR State
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well Other	JUN 0 9 5050	8. Well Number	er 2
2. Name of Operator		JUNO	9. OGRID Nur	nber
E.G.L. Resources, Inc.		RECEIVED	173413	
3. Address of Operator	s of Operator		10. Pool name or Wildcat	
223 W Wall Street, Suite 900), Midland, TX 79701	V-	Moore Devon	nian
4. Well Location				
Unit Letter K: 1980 feet from the South line and 1980 feet from the West line				
Section 24	Township 11S	Range 32E	NMPM	County Lea
	11. Elevation (Show whether	DR, RKB, RT, GR, etc.)	
	GR: 4	326		
TEMPORARILY ABANDON				ALTERING CASING
CLOSED-LOOP SYSTEM OTHER:		OTHER:		П
of starting any proposed w proposed completion or re Spot 50 sx @ 4780' - 5350' Circulate well with 10# mud Spot 25 sx @ 3830' - 4030' Perforate @ 3490' Sqz 50 sx @ 3290' - 3490' 8 Perforate @ 2450' Sqz 50 sx @ 2250' - 2450' 8 Perforate @ 2000' Sqz 50 sx @ 1800' - 2000' 8 Perforate @ 325' Sqz 80 sx @ surface - 325' Install Dry Hole Marker Estimated work start date: J	& tag & tag & tag & tag & tag & tag uly 2020 Rig Release	See Attain	Sproval	h wellbore diagram of
I hereby certify that the information above is true and complete to the best of my knowledge and belief.				
SIGNATURE SIGNATURE	TITLE	gineer		_{DATE} 6/4/2020
Type or print name Colton Sha For State Use Only	W E-mail add	lress: colton@pbe	x.com	PHONE: 360-302-0575
APPROVED BY:	Jaka TITLE (COA	<u> </u>	DATE 6-9-20

NEW MEXICO BR STATE #2

Moore Devonian Field



Location:

1980' FSL, 1980' FWL, Section 24, Unit K, T-11-S, R-32-E, LECENTY, NM

Csg:

13-3/8", 48#, H-40 8RD @ 324'. Cmtd w/ 350 sx, circ. 8-5/8", 24 & 32# J-55 8RD @ 3485'. Cmtd w/ 2300 sx.

5-1/2", 17 & 20#, N-80 & J-55 8RD @ 10,600. Cmtd in 7-7/8" hole w/ 450 sx.

Current Perfs:

10,330-360'

TD:

10,600'

PBTD:

10,485'

DF:

4336'

GL:

4326'

WELL HISTORY

- 2-53 Lost Drill pipe top @ 5440'. Pumped 650 Bbls cmt @ 5420'. TOC 5210'. Drill out to 5234' & set whipstock to drill by drill pipe.
- 3-53 DST Wolfcamp 9165-9325'. Rec 300' Drig mud.
- 6-53 **Perf 10,550-594**' (or 10,600'?) w/ 4 SPF . Acdz w/ 500 gal. Swb 97 BO, 3 BW. Acdz w/ 1000 gal. F 114 BO in 4 hrs.
- 3-56 PBTD 10,485'. Perf 10,330-360' w/ 4 SPF. Acdz w/ 500 gal MA.
- 2-69 Swb well 3 separate days. Put on Reda pump. TS 2437'.
- 10-69 Pulled & replaced Reda pump.
- 4-70 Pulled & replaced Reda pump & motor, TS 3275'.
- 4-72 Pulled & replaced Reda pump & motor.
- 9-72 Pulled & replaced Reda pump & burnt cable.
- 11-72 Acdz 10,330-360' w/ 1000 Gal SAF Mark II, 200 gal kerosene, 1000 Gal 15% retarded acid, 200 gal kerosene, 1000 gal 15% acid, AIR 2.7 BPM, max pres 5200, ISIP 2080. Before: 80 BO, After: 189 BO, 518 BW.
- 5-74 Pulled Reda pump. Acdz well, re-ran pump.
- 8-74 Pulled Reda pump. Repaired pump & re-ran.
- 5-77 Pulled Reda pump. Motor wet protector failure. Re-ran. TS 3280'.
- 6-77 Pulled Reda pump. Motor burnt. Re-ran & set @3280'.
- 6-83 Pulled subpump. Ran 1830' 3/4" & 1197' 7/8" Rods.
- 4-3-91 Tbg leak (body) @ 2530'. Shopped pump & re-ran 2-1/2 x 2 x 24 RHBC pump.

- 4-2-92 Pulled pump SV cage & ball & seat beat out. RIH w/ 600' 7/8" & 1775' 3/4" rods & 2-1/2 x 2 x 24 pump.
- 4-11-92 Pulled pump TV & SV Ball & Seat pitted, plunger grooved, TV cage beat out. RIH w/ new pump, tested tbg while RIH. 2-7/8" TS 2416'. 600' 7/8" & 1777' 3/4" Rods
- 4-22-92 Lowered tbg. Added 26 jts (826') 2-7/8" tbg & 33 (825') 7/8" rods.
- 5-11-92 Rod part @ 2875' due to corrosion. LD 13 7/8" rods, 10 jts tbg. RIH w/ new pump. TS approx 2930'.
- 9-93 Tbg Leak. POH w/ 45 7/8" & 70 3/4" rods & 24' pump. Re-ran & hung well on. POH w/ rods & tbg. Replaced SN. Tested 2976' 2-7/8" tbg to 5000 psi while RIH. Found one hole 3 jts above SN, plus one crimped jt. Layed down 3 jts total. Hung well back on. Pump barrel was cut & plunger was grooved. Ran new pump: 2-1/2" x 2" x 24' RWBC 2-stage H.V.R. w/ NiCarb barrel, spraymetal plunger, single valve w/ titanium/carbide, stellite lined cages.
- 1-18-94 FL 32 JTF = 1008', 1921' OSN.
- 2-10-94 FL 34 JTF = 1071' = 1858' OSN. (Pinclucing)
- 4-21-94- Production went to 100% water. CI- 155,000 (Normally ~ 35,000). TOH w/ rods and pump.
- 4-29-94 TOH & tally 2-7/8" tbg. TIH w/ 4-3/4" bit, 5-1/2" csg scpr on 2-7/8" prod tbg + workstring. Tag btm @ 10,414'. TOH. Set CIBP on WL @ 9000'. TIH w/ RTTS pkr and set @ 8943'. Test CIBP to 2500 psi. Isolate csg leak 4467-5035', circ out bradenhead. POH w/ pkr. TIH w/ cmt rtnr and set @ 4467'. Establish circ. Pump 200 SX Hallib Light + 200 sx Class "C" w/ 2% CaCl. Sqz to 1100 psi. DO cmt and cmt rtnr 4466-4636'. Circ cln. TIH to 7489'. Swb test, FL rose from 4300' to 1964' overnight. TOH. TIH w/ RTTS and isolate leak 4848-5100'. Attempt to sqz w/ 25 sx, but pres inc from 1100 to 1600 3 bbls short of cmt reaching pkr. Rev out. Pumped wtr down tbg and got same results. TOH. TIH w/ bit. DO CIBP @ 8995'. Tag PBTD @ 10,449'. Circ btms up + 40 bbls. TOH. TIH w/ SN, 1 jt tbg, TAC, 91 jts. Set TAC. TS 2909'. TIH w/ pump & rods. Returned to Prod.
- 6-4-94 TOH w/ rods & pump. TIH w/ rods & shopped pump. Had good pump action but 3 hrs later well not pumping. TOH w/ rods & pump. Drop SV. Attempt to load tbg Leak. TOH w/ tbg. Found hole @ 2400' (rod wear). LD 3 total jts. TIH w/ SN, 1 jt IPC, TAC, 90 jts 2-7/8" (put top half of string @ btm of well). Set TAC w/ 10 pts tension. TS 2877'. TIH w/ pump & rods (did not shop pump). Wait for well to pump up.
- 7-9-94 TOH w/ rods & pump. Rise TAC. TOH & LD tbg. PU & TIH w/ new SN, 1 jt IPC 2-7/8", TAC, 58 jts new 2-7/8", 29 jts wht bd 2-7/8". TS 2872'. Set TAC w/ 10 pts tension. TIH w/ shopped pump & rods. Hit FL @ 1400' w/ pump. Wait for well to pump up.
- 9-13-94 Pump 23 BW dn tbg. Did not catch pres. TOH w/ rods & pump. Drop SV & pump 18 BW dn tbg, no pres. TOH w/ 2-7/8" tbg & found hole (rod wear) in jt #68. Attempt to fish SV w/ no success. TOH w/ remaining tbg & TAC. TIH w/ new SN, 1 jt IPC 2-7/8", TAC & 86 jts 2-7/8" (set 1 jt higher than before). Set TAC w/ 10 pts tension. TIH w/ shopped pump & rods as before, except added 6 1" rods on btm & LD 7 3/4" rods. Added rod guides to 25 3/4" rods near btm of 3/4" section. Well pumped up in 20 min. Close flowline valve & pres up to 250 psi. Pres bled off & well started pulling vacuum.

TOH w/ rods & pump. Sheared TAC & TOH w/ tbg. TIH w/ tbg while testing to 5000 psi. Only tested 21 jts, burst 7 of them. LD entire string. TIH w/ brand new string 2-7/8" tbg. Set TAC w/ 5 pts tension. TIH w/ pump & rods. Pumped up - OK. Bad string of tbg was sent in for inspection. Entire string was severely rod cut.

1-24-95 Load tbg - would not hold pres. POH w/ rods & pump. Rlse TAC. Wt indicator showed TAC was set w/ 7 pts tension. TOH w/ tbg. LD TAC. TIH w/ tbg while testing to 5000#. Hole 6 jts off btm (rod wear). TIH w/ pump & rods. Added rod guides to all rods that did not already have them (except top 3 - 3/4"). Added additional rod guides to a few rods that had guides worn on one side.

NEW MEXICO BR STATE #2

- 1-21-95 Made 50 BO from BO & BR, 1800 BW into Moore SWD.
- 1-22-95 42 BO, 1650 BW
- 1-23-95 33 BO, 1400 BW. Tbg on vacuum after SI well. Chemical truck load tbg would not hold pres.
- 1-24-95 MIRU Eunice WS 8:00 AM (Chris). Unseat pump. POH w/rods & pump. Send pump to shop. Stroked pump - pumped good. Rise TAC. Wt indicator showed 25 pts. String wt = 19 pts in air, est 18 pts w/ bouyancy -> TAC was set w/ 7 pts tension. TOH w/ 86 its 2-7/8" tbg, TAC, 1 jt 2-7/8" tbg, SN. Tbg & rods both look good. SN had small grooved area in center of it. LD TAC. RU Phil's Tbg Testers. TIH w/ another SN (was used but in good shape) & 87 jts 2-7/8" tbg. Tested tbg to 5000# above slips. Found hole in the joint that was 6 off btm (fracture from rod wear). Location of hole ~188' above SN, coincides w/ top of 1" - 3/4" changeover on upstroke. Replaced bad jt w/ brand new joint. Order tbg was run: 36 jts that were at top (orig jts 1-36, now jts 52-87), 45 jts that were orig jts 37-81 (now jts 7-51), 4 jts (orig jts 83-86, now jts 3-6), 1 jt new, 1 jt that was orig on btm. TIH w/ shopped pump, 6 - 1" rods, 65 - 3/4" rods, 42 - 7/8" rods, pony rod, PR & PRL. Added hammer lock rod guides to all rods that did not already have them (except top 3-3/4"). Put 2 guides on top 4 -1" rods, other rods have one about 6" above coupling. Orig btm 5 - 3/4" rods did not have guides. Most of orig guides looked good, except a few were worn on one side to about half the orig thickness. The worn ones were moved to the center of the rod, & a new guide was added to the bottom of the rod. Hang on, checked pump action. RD & move to BO #1.

New Mexico BR State #2

- BO #1 & BR #2 Production has fallen from 44 BOPD to 30 BOPD. Oil cut on BR #2 has fallen from 6% to 2-3%. Water Analysis: BR #2 Chlorides = 96,000, BO #1 Chlorides = 35,000.
- 3-4-98 MIRU Pool WS (Jesse). TOH w/ rods & pump. Pump was stuck open (scale at top).
- 3-5-98 NU BOP. TOH w/ 87 jts 2-7/8" tbg & SN (tally). SN had lots of scale on outside. RU Wedge WL. RIH w/ 4.343" Gauge ring. Tag @ 3192'. Worked to 3387'. POH. GR had small amount of scale on it. RIH w/ GR again while waiting for csg scrpr. Tag @ 3387'. Work to 3536'. POH. TIH w/ used 4-5/8" mill tooth cone bit, csg scrpr, bit sub, 85 jts prod tbg, 33 jts 2-7/8" workstring. Tag @ 3854'. Got stuck. Worked free. TOH w/ 1 jt + 6 stds to 3455'.
- 3-6-98 RU WRH Reverse Unit. Wash down to ~3550' w/ no returns. Plugged off, TOH. Btm of last jt plugged w/ hard, fine scale cuttings. TIH w/ bit & scrpr to 3767'. RU Swivel. Got circ. Wash to 3798'. Circ out lots of oil. Wash/drill to 5060'. Got scale, followed by formation. Very rough @ 4860' probably where csg leak is. LD Swivel. TOH to 4860' stuck. Worked it for awhile. Unable to go up.
- 3-7-98 RU Swivel. Break circ. Now able to come up. Circ out lots of oil. TOH. LD csg scrpr. TIH w/ bit, bit sub & 13 jts tbg. SD due to high wind.
- 3-8-98 SD Sunday.
- 3-9-98 TIH. Tagged @ 4920', then continued to 4960'. TOH w/ 1 std, dragging 4 pts. RU Swivel. Circ oil out. Wash/Drill to 5352'. Circ cln. Cuttings: formation. Very rough drlg @ 5314'. Got only partial returns 5338-52'. TOH to 4772'. Had to work pipe @ several spots between 5314' and 5113'. Had to RU Swivel @ 5113' to get one jt through. Next jts came out easily.
- 3-10-98 TOH. Bit missing one cone. One other cone very loose. RU Wedge WL. Ran CIL 4952-2832'. Log indicated no pipe below 4840', extreme metal loss 4840-4400', moderate pitting & metal loss 4400-4050', holes, pitting and severe metal loss 4050-3320'. LD 2 jts prod tbg on ground (btm jt + 1 jt w/ bad pin). TIH w/ SN (turned over), 85 jts prod tbg, 44 jts WS. TOH & LD 44 jts WS. TIH w/ 44 other jts WS. TOH & LD WS. ND BOP.
- 3-11-98 TIH w/ rods & pump (LD 3 ¾" rods). Hang on. Check pump action. RD.

BUTBR 3-11-3-15 70 BOPD time clock (BR) 33%+16%.

3-16-74-1 ~50 BOPD, 16% time clock
April 25 BopD Aug (35-722)
May 17 BOPD Aug, 12% time clock

June-98 165+8 to 11. 6-21 50 BR #2

9-99 Shot FL ~770 FTF, Turned well on. Pumped all Black with initially
then pumped off teal foot Shut in.

10-7-99 FL 24 JTF = 779 FTF.

WELL DATA SHEET

FIELD: Moore Devonian

WELL NAME: NM BR State #2

FORMATION: Devonian

LOCATION: 1980 FSL & 1980 FWL SEC: 24 TWP: 11S RGE: 32E COUNTY: LEA STATE: NM

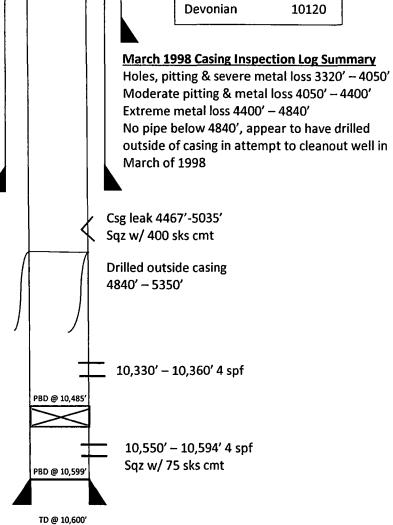
GL: 4326 DF: 4336 API NO: 30-025-00063 CURRENT STATUS: Shut-in

Formation Tops Yates 2180 Queen 2990 Grayburg 3200 Present San Andres 4036 Abo 7040 Pennsylvanian 8136 Bough 8325 Mississippi Lime 9720 Devonian 10120

13 3/8", 48 lb/ft csg Set @ 324' 350 sks cmt circ to surface. 17 ¼" hole.

8 5/8", 32 lb/ft csg Set @ 3,485' 2300 sks cmt circ to surface. 11" hole.

5 ½", 17 & 20 lb/ft, N-80 & J-55 csg Set @ 10,600' 450 sks cmt TOC @ 8900' by calc 7 7/8" hole.



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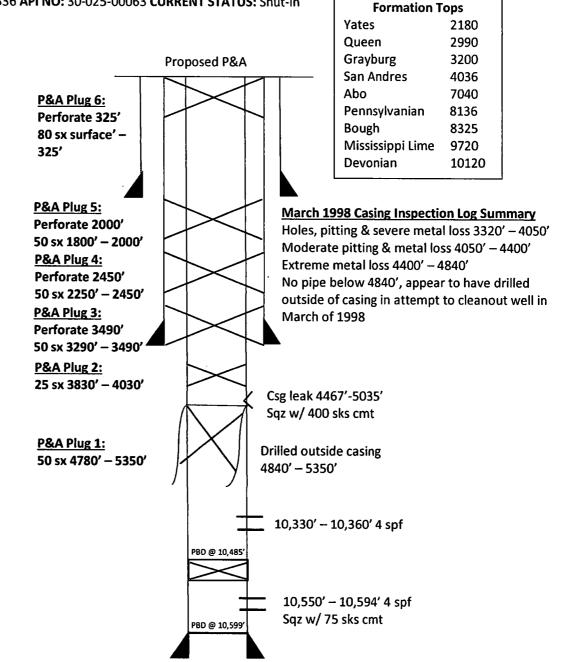
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TD @ 10,600'

CONDITIONS OF APPROVAL FOR PLUGGING AND ABANDONMENT OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

- 1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
 - 11. Class 'C' cement will be used above 7500 feet.
 - 12. Class 'H' cement will be used below 7500 feet.
- 13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
- B) Devonian
- C) Morrow
- D) Wolfcamp
- E) Bone Springs
- F) Delaware
- G) Any salt sections
- H) Abo
- I) Glorieta
- J) Yates.
- K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least 1/4" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

- 1. Operator name
- 2. Lease and Well Number
- 3. API Number
- 4. Unit letter
- 5. Quarter Section (feet from the North, South, East or West)
- 6. Section, Township and Range
- 7. Plugging Date
- 8. County

SPECIAL CASES ----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION