Oil Cons. Form 3160-4 **UNITED STATES** N.M. DIV-Dist. 2 FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000 DEPARTMENT OF THE INTERPORT. DIV-DISI. 2
BUREAU OF LAND MANAGENER. Grand Avenue (August 1999) WELL COMPLETION OR RECOMPLETION Lease Serial No. NMEC06872 If Indian, Allottee or Tribe Name Oil Well Gas Well Dry New Well Work Over Deepen Plug Back Diff. Resvr,. b. Type of Completion: Unit or CA Agreement Name and No. NMNM107710 Name of Operator 8. Lease Name and Well No. BTA Oil Producers Indian 'A', 9201 JV-P No. 1 3a. Phone No. (include area code) 9. API Well No. 104 S. Pecos: Midland, TX 79701 (915) 682-3753 30-015-32465 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Field and Pool, or Exploratory Loafer Draw, SE 660' FNL & 1980' FEL Lot 2, NW/NE At surface Sec., T., R., M., on Block and Survey or Area Sec. 5, 22S, 23E At top prod. interval reported below 13. State County or Parish At total depth Eddy 16. Date Completed Elevations (DF, RKB, RT, GL)* 15. Date T.D. Reached 14. Date Spudded D&A Ready to Prod. 4135' GL 4154' KB 10/28/2002 11/21/2002 12/14/2002 89501 20. Depth Bridge Plug Set: MD 18. Total Depth: 90001 19. Plug Back T.D.: TVD Yes (Submit analysis) Was well cored? X No 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was DST run? 🔽 No 🚨 Yes (Submit report) Three Detector Litho Density CN/Gr, Micro-CFL/GR Directional Survey? I No Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Slurry Vol. Cement Top* Amount Pulled Wt. (#/ft.) Bottom (MD) Hole Size Size/Grade Top (MD) Type of Cement (BBL) Depth 1516' 855 Prem Surf 9-5/8" J55 40 * See remarks 7990**'** 7" L80 29 1st stg 280 Prem * See remarks 2nd stg 635 Int C 511 90001 HCP110 18 7572**'** 100 24. Tubing Record Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size 7162' 2-7/8" 8526 Perforation Record 25. Producing Intervals Perf Status Bottom No. Holes Formation Perforated Interval Top Size 8840-42 : 8860-66 40 8603' 8950 Open A) Morrow B) C) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Amount and Type of Material Depth Interval 8840-66' A w/1000 gal 7-1/2% HCL ACCEPTED FOR RECORD F w/20750 gal foam w/11.5 tons 20/40JAN 28. Production - Interval A Oil Gravity Production Method Date First Test Date Hours Oil BBL Gas MCF Gas Gravity Water Production BBL Corr. API .606 12/12/02 12/14 0 1047 80 Flow LES BABYAK 24 Hr. Gas : Oil Well Status Csg. Press. Oil Gas MCF Water BBL PETROLEUM ENGINEER Tbg. Press 18¹⁰3031

Ratio

Oil Gravity Corr. API

Gas · Oil

Shut In - WO PL

Production Method

Gas Gravity

Well Status

80

Water

Water

1047

Gas MCF

Gas MCF

Flwg. (See instructions and spaces for additional data on reverse side)

Hours Tested

Rate

Production

24 Hr.

BRI.

Oil BBL

Oil

BBL

0

Size

18/64"

Date First Produced

Choke

Flwg.

Tbg. Press.

28a. Production - Interval B

Test Date

te First oduced Date Hours Test Double Production BBL Gas MCF BBL Corr. API Gas Gravity oke Tbg. Press. Csg. Press. Si Si Si Si Csg. Press. Si Date Date Date Date Date Date Date Date	Bb.Produ	ction - Inter	rval C								
oke a Tog. Press. Rate BBL MCF BBL Gas: Oil Ratio Well Status Production - Interval D terriary Tested Production BBL MCF BBL Gas: Oil Gravity Gravity Local Corr. API Gravity Gravity Tested Production BBL MCF BBL Gas: Oil Gravity Gravity Local Corr. API Gravity Gravity Tested Production BBL MCF BBL Gas: Oil Gravity Gravity Local Corr. API Gravity Gravity Tested Production BBL MCF BBL Gas: Oil Gravity Local Corr. API Gravity Gas: Oil Gravity Well Status Disposition of Gas (Sold, used for fuel, vented, etc.) Summary of Porous Zones (Include Aquifers): Show all important zones of provisity 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 Descriptions, Contents, etc. Name Top Meas. Deptherapy Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'	ate First	Test	Hours						Gas	Production Method	
Flwg. St. Rate BBL MCF BBL Ratio Press. Rate BBL MCF BBL Ratio Production - Interval D ter First duced Date Production - Date Production BBL Gas MCF BBL Corr. API Gravity Test Hours Test Hours Press. Csg. Press. Press. Press. Press. BBL Gas MCF BBL Gas: Oil Ratio Disposition of Gas (Sold, used for fuel, vented, etc.) Summary of Porous Zones (Include Aquifers): 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 Descriptions, Contents, etc. Name Top Meas. Depth Wolfcamp LM 5683' Clisco LM 6919' Strawn 7842' Morrow 8411'	oduced	Date	1 ested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Flvg. Si		Tbg. Press.	Csg.						Well Status		
E. Production - Interval D te First Test Date Production BBL MCF BBL Corr. API Gravity Gravity Production Method color Tog. Press. Csg. Csg. Rate BBL MCF BBL Gas: Oil Ratio Disposition of Gas (Sold, used for fuel, vented, etc.) Summary of Porous Zones (Include Aquifers): 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 Descriptions, Contents, etc. Name Top Meas. Depth Wolfcamp LM Gisco L		_	Press.	Rate	BBL	MCF	BBL	Ratio			
duced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Production Method Tog. Press. Five. Five. St	. Produ		val D								
oke Tbg. Press. Csg. Flwg. Si	te First									Production Method	
Flwg. Si Press. Rate BBL MCF BBL Ratio Disposition of Gas (Sold, used for fuel, vented, etc.) Summary of Porous Zones (Include Aquifers): 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 Descriptions, Contents, etc. Name Top Meas. Dept Glorieta 1907' Bone Spring 3190' Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'	Jacca		, restou	Production	BBL	MCF	BBL	Corr. API	Gravity		
Disposition of Gas (Sold, used for fuel, vented, etc.) Summary of Porous Zones (Include Aquifers): 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 Descriptions, Contents, etc. Name Top Meas. Depth Meas. Depth Meas. Depth Meas. Depth Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'	oke e		Csg. Press.						Well Status		
Summary of Porous Zones (Include Aquifers): 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 Descriptions, Contents, etc. Name Top Meas. Depth Me		SI		\rightarrow			BBL	Kauo			
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 Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Mea	Dispos	ition of Gas	s (Sold, use	ed for fuel, v	ented, etc.	,					
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 Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Mea	Summ	ary of Poro	us Zones (Include A	:F\.						····
Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Meas.				_	-	ra dhanas E	C 4 :4		31. Formati	on (Log) Markers	
Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Dept	resis, n	neruantig de	pth interva	l tested, cus	hion used,	time tool o	cored interva- pen, flowing a	us and all drill-stem und shut-in pressures			
Glorieta 1907' Bone Spring 3190' Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'	and rec	COVERIES.									
Glorieta 1907' Bone Spring 3190' Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'	Forma	tion	Тор	Bottom		Descr	iptions, Conte	ents, etc.		Name	
Bone Spring 3190' Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'											Meas. Dept
Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'						•	4!	•	Glorie	ta	1907'
Wolfcamp LM 5683' Cisco LM 6919' Strawn 7842' Morrow 8411'		.							Bone S	pring	3190'
Cisco LM 6919' Strawn 7842' Morrow 8411'						•		•			
Strawn 7842' Morrow 8411'									Į		
Morrow 8411'	Ì										6919'
0311						•			Strawn		7842
Morrow Clastics 8603'	į								Morrow		8411'
									Morrow	Clastics	86031
		ĺ			ł						
	į.										
Additional remarks (include plugging procedure):	7" c	asino:	Suf	ficien	t	ant	1 .				
			A11	ZODAS	of in	ent wa	s used	to circula	te, but	did not. Shoe	was
7" casing: Sufficient cement was used to circulate but did not show					01 111	rerest	SHOUTG	be isolate	ed.		•
	ŀ										
7" casing: Sufficient cement was used to circulate but did not show											
7" casing: Sufficient cement was used to circulate but did not show		<u>-</u>									
7" casing: Sufficient cement was used to circulate but did not show	Circle end	closed attac	hments:								
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments:	~			(1 full set re	q'd.)	2. Ge	ologic Report	3. DST Reno	ort 4 Dir	ectional Survey	7.0
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated.	Electri	ical/Mechar	nical Logs					•	ort 4. Dir	ectional Survey	
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments: Delectrical/Mechanical Logs (I full set req'd.) Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:	Electri Sundr	ical/Mecharry Notice fo	nical Logs or plugging	and cement	verification	on 6. Con	e Analysis	7. Other:			
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments: Delectrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey	I.)Electri 5. Sundr	ical/Mecharry Notice fo	nical Logs or plugging	and cement	verification	on 6. Con	e Analysis	7. Other:			ctions)*
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments: Delectrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Description of the core of the c	Electri 5. Sundr	ical/Mechar ry Notice fo ertify that the	nical Logs or plugging he foregoir	and cement	verification	on 6. Con	e Analysis	7. Other:	om all available	records (see attached instru	actions)*
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments: Delectrical/Mechanical Logs (I full set req'd.) Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:	1. Electri 5. Sundr	ical/Mechar ry Notice fo ertify that the	nical Logs or plugging he foregoir	and cement	verification	on 6. Con	e Analysis	7. Other:	om all available	records (see attached instru	ctions)*
7" casing: Sufficient cement was used to circulate, but did not. Shoe was squeezed. All zones of interest should be isolated. Circle enclosed attachments: Blectrical/Mechanical Logs (I full set req'd.) Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Description of the core of the plugging and attached information is complete and correct as determined from all available records (see attached instructions)* Title Regulatory Administrator	Electri 5. Sundr	ical/Mechar ry Notice fo ertify that the	nical Logs or plugging he foregoir	and cement	verification	on 6. Con	e Analysis	7. Other: rect as determined fi	om all available	records (see attached instru	ictions)*



McVAY DRILLING C Post Office Box 924 Hobbs, New Mexico 88241 (505) 397-3311 FAX: 39-DRILL

Well Name and Number: 1 Indian A 9201 JV-P

Location: Sec. 5, T 22S, R 23E, Eddy County, NM

Operator: BTA Producers

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Deg	rees @ Depth	Degr	ees @ Depth	Degrees @ Depth
½ 1 1 1 1 ½ ½ 1 1	275 556 891 1158 1516 1981 2451 2928 3407 3904	1 ½ 1 ½ ¼ 1 ¾ 1 ¾ 3 4 ½	4421 4922 5416 5890 6384 6620 6873 8665	

Drilling Contractor: McVay Drilling Company

Subscribed and sworn to before me this / day of

Lea County, New Mexico